

Newark Fire Department

1981

NINETY-SIXTH

ANNUAL REPORT



KENNETH A. GIBSON, Mayor

MUNICIPAL COUNCIL

EARL HARRIS, President

MICHAEL P. BOTTONNE, West Ward
ANTHONY CARRINO, North Ward
RALPH T. GRANT, JR., At Large
SHARPE JAMES, South Ward

BENJAMIN F. JOHNSON, III, Central Ward
HENRY MARTINEZ, East Ward
DONALD TUCKER, At Large
MARIE L. VILLANI, At Large

ELTON E. HILL, Business Administrator

JOHN P. CAUFIELD, Fire Director

NEWARK, NEW JERSEY



FIRE DEPARTMENT ANNUAL REPORT 1981

TABLE OF CONTENTS

Director's Report	Page I
Table of Organization	Page II
Fire Chief's Report	Page 1-2-3
Financial Report	Page 4
Chief Officers	Page 5
Sub-Divisions of the Fire Department	Page 6
Vital Statistics	Page 7-8
Company Statistics	Page 9-10
Fire Prevention Division	
Chief's Report	Page 11-12
Bureau of Combustibles	Page 13 thru 51
Bureau of Investigation	
Chief's Report	Page 52-53
Miscellaneous Statistics	Page 54
Deaths by Fire	Page 55
Fire Signal System	
Communications	Page 56-57-58
Construction/Maintenance	Page 59
Special Service & Supply	
Chief's Report	Page 60-61-62-63
Apparatus Inventory	Page 64
Hose Inventory	Page 65-66
Performance Report	67
Training Division	
Chief's Report	Page 68-69-70
Accident Prevention Board	Page 71
Apparatus Training	Page 72
Safety Officer	Page 73
Water Officer	Page 74
Audio-Visual	Page 75-76
Performance	Page 77
Planning Division	Page 78-79-80
Community Relations	Page 81-82
Data Processing	Page 83
Photography Division	Page 84
Public Relations	Page 85
Medical Division	Page 86
Chaplains - Catholic	Page 87
Protestant	Page 88
Jewish	Page 89
Bell & Siren	Page 90
Civil Defense	Page 91

N E W A R K

Kenneth A. Gibson
Mayor

Fire Department

1010 18th Avenue
Newark, New Jersey 07106
201 733-7424

John P. Caulfield
Director

March 1, 1982

The Honorable Kenneth A. Gibson
Mayor, City of Newark
City Hall
Newark, New Jersey

Dear Sir:

I herewith respectfully submit the Annual Report for the year 1981, outlining the activities of the Fire Department:

The primary goals of the Fire Department continue to be

1. The prevention of unfriendly fires, and,
2. The minimizing of life and property loss when unfriendly fires occur.

The ultimate method of reducing life and property loss due to fire is through fire prevention, public fire safety education and fire code enforcement. Activities in these areas will continue more vigorously than ever and will continue to be expanded, particularly in the smoke detector and public education areas. Of the 26 fire deaths recorded, all occurred where there were no smoke detectors installed, where smoke detectors were not functioning, or where other adverse conditions existed.

Although Department response and fire suppression activities continue as efficiently as ever, there is little that can be done between fire occurrence and fire department notification, hence the emphasis on the above-mentioned activities of prevention, education and code enforcement.

Total fires in the city increased 2.3% from that of 1980, while serious fires requiring a full alarm assignment or greater, decreased 12.4%. Fires in vacant buildings decreased 5.7%. Malicious false alarms increased 16.3% to the highest level in the Department's history. A task force has been formed and is currently researching methods to solve this most distressing problem.

N E W A R K

Kenneth A. Gibson
Mayor

Fire Department

1010 18th Avenue
Newark, New Jersey 07106
201 733-7424

John P. Caufield
Director

The Honorable Kenneth A. Gibson
Mayor, City of Newark

Page 2

March 1, 1982

RECOMMENDATIONS

- * The continuation of the fire apparatus replacement program.
- * The continuation of the fire station rehabilitation program.
- * The acquisition of a Fire Protection Engineer to assist in evaluating fire protection technology that is constantly being developed.
- * Continuation of the water main cleaning and relining program.
- * That members of the judiciary impose maximum penalties for violations of the fire prevention code, especially where there are violations of the smoke detector code ordinance, the transmission of false alarms, and the illegal opening and vandalism of fire hydrants.
- * The continuation of the vacant building demolition program.
- * An expansion of public fire safety education programs involving all city agencies.

I heartily commend Fire Chief Stanley J. Kossup, and all the officers and men under his command, and also the members of the Administrative Staff, for their dedicated and efficient service rendered throughout the year.

N E W A R K

Kenneth A. Gibson
Mayor

Fire Department

1010 18th Avenue
Newark, New Jersey 07106
201 733-7424

John P. Caufield
Director

The Honorable Kenneth A. Gibson
Mayor, City of Newark

Page 3

March 1, 1982

A debt of gratitude is owed to the Chaplains and the Department Surgeons for their outstanding efforts in attending to the needs of the men of the Department. I also extend thanks to the Fire Department's Citizens' Advisory Committee for their efforts and advice, and thanks also to the members of the Bell & Siren Club for their help and comfort during times of emergency.

On behalf of the members of the Fire Department, I extend to you, Mr. Mayor, to the members of the Municipal Council, to the Business Administrator and to all city department directors, our sincere appreciation for your interest and cooperation in helping us solve some of our problems.

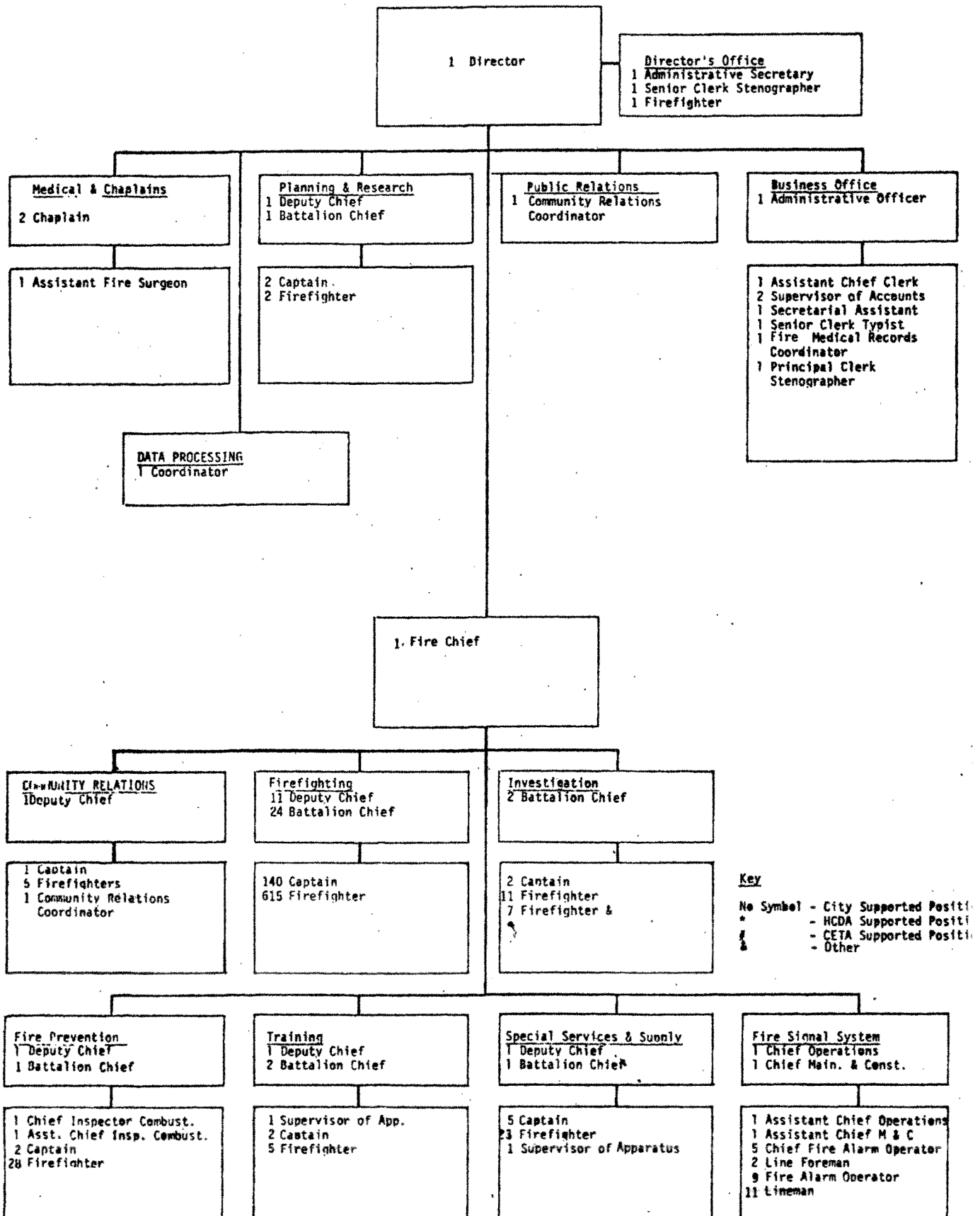
Respectfully submitted,



JOHN P. CAUFIELD,
Director, Fire Department

JPC:EC

Organization	Code	Department	Code	Division	Code	Fund	Code	Year
MUNICIPAL GOVERNMENT	01	FIRE	09			CITY CURRENT	1001	81



NEWARK

Kenneth A. Gibson
Mayor

Fire Department

1010 18th Avenue
Newark, New Jersey 07106
201 733-7424

John P. Caufield
Director

January 25, 1982

Hon. John P. Caufield, Director
Newark Fire Department
1010 - 18th Avenue
Newark, New Jersey

Dear Sir:

Forwarded herewith is the Annual Report of the Newark Fire Department for the year 1981. The reports of all divisions show an increased workload over the year 1980. The Department under the increased burden, has met all demands placed upon it, which is a true indication of the continued dedication and concern our Officers and Firefighters show for this City, its residents, and their Fire Department.

Our Fire Prevention Division has made improvements in the inspection process in the past year, but we must increase our effort to the maximum in this our basic fundamental duty if we are to turn the corner and win this fight against our enemy "fire".

It is expected that in 1982 both administrative and operational personnel will increase the quality and quantity of building inspections. Planning for a City-wide smoke detector campaign is in progress and will be initiated this year to remind our citizens that installation of this device is perhaps the most significant step that can be taken to protect them against the ravages of fire.

Five (5) Maxim pumpers scheduled for delivery beginning in February 1981 were not delivered because of financial difficulties within Maxim Industries and the contract was subsequently severed. Contracts were rebid, awarded, and five (5) Continental (1,250 G.P.M.) pumpers were delivered between the months of July and September and placed in service in the following locations:

Engine Co. No. 6 - 344 Springfield Avenue
Engine Co. No. 7 - West Market and Hudson Streets
Engine Co. No. 10 - 33-35 Astor Street
Engine Co. No. 11 - 521-23 Central Avenue
Engine Co. No. 17 - 84-86 Clinton Place

Three Seagrave Rear-mount Aerial Ladders were delivered during November and December, and are currently in service in the locations following:

Truck Co. No. 1 - 188 Mulberry Street
Truck Co. No. 10 - 1028-30 Bergen Street
Truck Co. No. 12 - 420-38 Sandford Avenue

NEWARK

Kenneth A. Gibson
Mayor

Fire Department

1010 18th Avenue
Newark, New Jersey 07106
201 733-7424

John P. Caufield
Director

Hon. John P. Caufield, Director

January 25, 1982
Page 2

The delivery of this equipment, which represents approximately a 25% replacement of first line apparatus, keeps us on target as regards our twelve-year apparatus replacement program and has provided us with a currently acceptable number of spare units.

As regards our physical plant, major reconstruction of interiors started in 1981 and work is in progress at the following locations:

- a) Engine Co. No. 9 - 197-199 Summer Avenue
Work near completion
- b) Engine Co. No. 17 - 84-86 Clinton Place
Contract awarded - work in progress

A program to paint all of our firehouses implemented in 1979 is on-going and at this time, most of our firehouses have been repainted. Many of our firehouses, however, are in poor condition and major reconstruction is needed with four locations scheduled for interior work in the 1980 capital budget request:

- a) Engine Co. No. 14 - 69-71 Vesey Street
- b) Engine Co. No. 15 & Truck Co. No. 7 - 269-271 Park Avenue
- c) Engine Co. No. 29 & Truck Co. No. 10 - 1028-1030 Bergen Street
- d) Engine Co. No. 4 and Truck Co. No. 2 - 241-243 High Street

I, of course, am in favor of aggressive firehouse repair and refurbishing but our buildings are old, there have been population shifts and neighborhood changes; urban renewal has left its mark. I therefore strongly recommend the building of new fire stations with multiple unit response capacity and capability consistent with present and future fire coverage requirements.

I wish to extend to all members of the Department my sincere appreciation for their efforts, often under extremely hazardous conditions, and for their cooperation throughout the year.

N E W A R K

Kenneth A. Gibson
Mayor

Fire Department

1010 18th Avenue
Newark, New Jersey 07106
201 733-7424

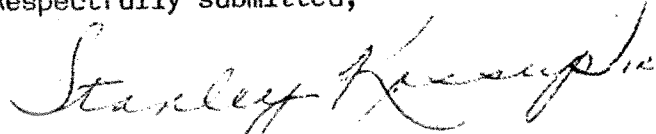
John P. Caufield
Director

Hon. John P. Caufield, Director

January 25, 1982
Page 3

I also wish to extend my thanks to Mayor Kenneth A. Gibson; Members of the Municipal Council; Members of the Bell and Siren Club, Inc.; and to all City Officials who in any way assisted our Department during the year 1981.

Respectfully submitted,



STANLEY J. KOSSUP,
Fire Chief

SJK:JMR

F I R E D E P A R T M E N T

FINANCIAL STATEMENT

Salaries and Other Pay Appropriations	\$22,198,098.00
Other Expenses Appropriation	<u>388,446.00</u>
	\$22,586,544.00

EXPENDITURES

Salaries and Wages

Salaries	\$20,020,915.57
Overtime	250,000.00
Acting Officers	<u>75,000.00</u>
	\$20,345,915.57

MISCELLANEOUS RECEIPTS

Miscellaneous	\$ 4,425.00
Bureau of Combustibles	62,785.00
Current Accounts	<u>8.00</u>
	\$67,218.00

MISCELLANEOUS

8/17/81 N. J. Turnpike Authority (Response 7/1/80-12/31/80)	\$2,325.00
9/29/81 N. J. Turnpike Authority (Response 1/1/81-6/30/81)	2,100.00

oOo

FIRE DEPARTMENT - CITY OF NEWARK

Hon. Elton Hill
Business Administrator

Hon. Kenneth A. Gibson
Mayor

Hon. John P. Caufield
Fire Director

William T. Whalen, Administrative Officer
Esther Conrad, Administrative Secretary
Kenneth Blaha, Asst. Chief Clerk

Stanley J. Kossup, Fire Chief, U.F.D., Commanding
Angelo R. Ricca, Deputy Fire Chief, Executive Officer

DEPUTY CHIEFS

1st Deputy Division

Frederick Grehl
Harold B. Davis
David J. Kinnear
Albert Maresca

2nd Deputy Division

Edward J. Chrystal
John Criggs
William M. Carragher, Jr.
Robert John Miller

Coordinators

Robert J. Buccine
Alexander McGrory
Cantalora Palestino
Alfred Freda

Roving

Edward R. Dunn
John J. Tartis

BATTALION CHIEFS

1st Battalion

Richard Hettinger
James W. McCormack
Thomas Melody
Frank A. Calvitti

2nd Battalion

Leonard Mendola
Erwin Burchardt (Term.)
Robert King
Vincent Marinucci (Term.)
Frederick Nolan
Edward Hester

3rd Battalion

Louis Formisano
Richard Bitter
Anthony Maresca
Joseph Ricca
John Ryan (Term.)

4th Battalion

James Richardson
Anthony DeTroia
Charles Plath
Robert J. Smith

5th Battalion

Joseph T. Miller
Richard Meeker
Carroll Henderson
Robert James Miller
Thomas Boyle (Term.)

Sub-Divisions of the Fire Department

Fire Prevention Division

James Morgan, Deputy Chief
Philip V. Boyle, Chief Inspector (Term.)
Alfred Machiaverna, Supv. Fire Protection Insp. (Provisional)

Division of Investigation

James V. Raymond, Deputy Chief
Carl Stoffers, Batt. Chief
Raymond Bishof, Batt. Chief, Major Case Investigation
Robert Fitzpatrick, Batt. Chief

Fire Signal System

Albert Lasso, Chief, Communications
Thomas J. McCann, Asst. Chief, Communications
Edward Przybylowicz, Chief, Constr./Maint. (Term.)
John DiBlasio, Asst. Chief, Constr./Maint.

Special Service and Supply

Joseph L. Magnusson, Deputy Chief
George Iuzzolino, Supv. of Apparatus, Maintenance (Term.)
Carl Duerr, Captain
Joseph Abbondante, Captain, Mask Division
Robert Scholz, Captain, Supply Division

Training Center

Joseph J. Pierce, Deputy Chief
Fred Boehringer, Batt. Chief, Safety and Water Officer
Daniel Tauriello, Supv. of Apparatus, Training

Planning & Research Division

John Valent, Battalion Chief
Albert Payne, Captain
Abnathy Mason, Captain

Community Relations & Civil Defense

Robert Marron, Deputy Chief
Reginald Evelyn, Captain, Community Relations
Charles Manara, Captain, Civil Defense

Medical Division

Morris Halper, M. D.

Chaplains

Rev. Horton Raught, Catholic
Rev. Clarence Bleakney, Protestant
Rabbi Horace Zemel, Jewish

FIRE DEPARTMENT

VITAL STATISTICS

APPOINTMENTS

May 1, 1981	Jacqueline A. Jones	F/F
" " "	- Khalil T. Shaheed	"
" " "	- George C. Livingston	"
" " "	- Robbie Lee	"
" " "	Lonzia Ellison	"
" " "	- James Johnson	"
" " "	Hector A. Rodriguez	"
" " "	Eric Barnes	"
" " "	- Larry D. Darden	"
" " "	- Jeffrey Jackson	"
" " "	Frederick Shackelford	"
" " "	Timothy M. Byers	"
" " "	- William H. Ward	"
" " "	- James Anderson, Jr.	"
" " "	Richard A. Malgieri	"
" " "	Sidney E. Marble	"
" " "	Alfred F. Hughes	"
" " "	- Glenwood Bagley	"
" " "	Walter Gray	"
" " "	- Luis M. Rivera	"
" " "	- James E. Braswell	"
" " "	James L. Berdiel	"
" " "	Donald S. Volkert	"
" " "	Frank Bellina	"
" " "	- Scott B. Gerow	"
" " "	Edward A. Camuso	"
" " "	Brian J. Dardis	"
" " "	Steven C. Johnson	"
" " "	- Lenzy E. Petford	"
" " "	- Ralph Herring, Jr.	"
" " "	- Ethel Goldsberry	"

PROMOTIONS

Nov. 9, 1981	Alberico Alfano	Captain
Dec. 21, 1981	Gene McCormack	Captain
" " "	Robert Buccine	Deputy Chief
" " "	Cantalora Palestina	Deputy Chief
" " "	Alfred Freda	Deputy Chief
" " "	Alexander McGrory	Deputy Chief

DEATHS

May 16, 1981	Frank Silvia	Firefighter
June 2, 1981	Lawrence Shepherd	Firefighter
Dec. 2, 1981	Joseph Donohue	Firefighter
Nov. 26, 1981	Robert Silk	Firefighter

VITAL STATISTICS (2)

RETIREMENTS

January 1, 1981

James O'Beirne	Fire Chief
William Schick	Batt. Chief
William Conlan	Captain
Clifford Boan	Captain
Robert Scholz	Captain
Arthur Farrell	Firefighter
Ernest Smith	Firefighter
Eugene Reilly	Firefighter
James Kavanaugh	Firefighter
Thomas Giardina	Firefighter
Henry Kiesewetter	Firefighter
Joseph Mueller	Firefighter
Sam Pugliese	Firefighter
Joseph Pirro	Firefighter
Edmund Burke	Firefighter

February 1, 1981

Thaddeus Harazda	Captain
Fred DiOrto	Captain
John Nicoll	Captain
Arthur Zieser	Firefighter
Robert Lyons	Firefighter
Joseph Dziadosz	Lineman

March 1, 1981

Michael Restivo	Firefighter
Joseph Diore	Firefighter
Warren McCoach	Firefighter
Donald Kissane	Firefighter
Joseph Smith	Firefighter
Thomas Gervel	Firefighter

April 1, 1981

Edward Keiser	Captain
George Corrigan	Firefighter
William Knapp	Firefighter
Salvatore Manganello	Firefighter

May 1, 1981

John Gill	Firefighter
Edward Halasiewicz	Firefighter
Joseph Fass	Firefighter
Paul Duleba	Captain
James Conochan	Captain

June 1, 1981

Anthony Masters	Firefighter
James Lynch	Firefighter

July 1, 1981

Louis Magliaro	Captain
James McLaughlin	Captain
Daniel McGee	Firefighter
Joseph Wallace	Firefighter
Michael Donovan	Firefighter
Eugene Gilroy	Firefighter

August 1, 1981

Harold Lauber	Captain
Walter Gold	Firefighter
Carl Maffeo	Asst. Fire Surgeon
Frank Calderone	Firefighter

September 1, 1981

Ralph Giacobbe	Firefighter
James Kain	Firefighter
Walter Weber	Firefighter
Harry Leonard	Captain
Thomas McCrory	Firefighter
James Drechsel	Firefighter

November 1, 1981

Clement Caprio	Captain
Louis Pietrucha	Firefighter
John Ryan	Batt. Chief
George Whalen	Firefighter

RESIGNATIONS

1/30/81	Michael Cawley
8/12/81	Allen Brown
9/25/81	James Braswell
10/19/81	Ronald Greeley

COMPANY STATISTICS 1981

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	HOURS OF ENGINE DUTY	FT. OF HOSE USED	HYDRANTS INSPECTED	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	IN-SERVICE BLDG. INSPECTIONS
Eng. Co. 4	3015	1087	0	508:29	109,950	224	332	1401:04	265
Eng. Co. 5	1563	347	3	231:00	54,450	449	415	870:00	449
Eng. Co. 6	5010	2076	0	544:30	206,800	402	413	2334:20	267
Eng. Co. 7	3476	828	0	522:00	146,650	460	248	1357:00	389
Eng. Co. 8	1145	317	0	194:47	40,850	269	358	1057:49	121
Eng. Co. 9	3450	980	0	340:35	82,030	400	277	1188:15	346
Eng. Co. 10	2800	872	6	410:55	89,550	600	406	1290:45	320
Eng. Co. 11	3534	752	0	276:00	119,250	240	366	1285:00	444
Eng. Co. 12	4070	1217	3	420:10	109,950	115	290	1733:40	131
Eng. Co. 13	1991	991	0	236:22	45,050	498	375	1006:03	276
Eng. Co. 14	1778	505	0	352:35	90,050	192	338	1086:70	247
Eng. Co. 15	2936	656	6	345:01	87,850	220	361	1286:06	246
Eng. Co. 16	870	436	2	269:00	40,350	463	402	918:00	187
Eng. Co. 17	2991	742	0	280:00	73,100	296	223	1339:00	219
Eng. Co. 18	3314	886	6	369:00	88,410	176	312	1378:00	247
Eng. Co. 19	1607	655	1	328:45	30,250	330	398	978:44	149
Eng. Co. 21	1057	295	21	91:00	21,050	222	376	642:00	266
Eng. Co. 26	1188	289	0	112:00	25,700	152	342	575:00	262
Eng. Co. 27	1041	261	0	239:30	27,700	266	356	897:36	202
Eng. Co. 28	1478	414	7	153:05	44,650	320	439	785:25	430
Eng. Co. 29	2382	621	0	227:04	49,700	485	384	1159:40	300
Eng. Co. 32	388	212	0	134:50	16,800	640	328	784:19	182
Rescue	1782	1135	778	-	-	-	335	-	-
Fireboat	44	27	5	41:53	2,400	99	165	8:00	0
	52,910	16,601	838	6,632:58	1,602,540	7518	8239	25,367:15	5945

COMPANY STATISTICS (2)
1981

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	FEET OF LADDERS USED	NO. OF INSP. MADE	DRILLS & DEMONSTRATIONS	HOURS OUT OF QUARTERS	NO. HYDRANTS INSPECTED
Truck Co. 1	1874	497	0	7,621	331	296	1286:48	214
Truck Co. 2	2332	902	3	10,194	268	401	1254:30	444
Truck Co. 4	986	238	0	3,287	286	355	684:00	168
Truck Co. 5	3947	1879	0	32,991	255	395	1529:00	220
Truck Co. 6	1483	525	1	5,049	212	463	692:33	585
Truck Co. 7	2740	563	0	18,975	302	254	9952:00	468
Truck Co. 8	734	203	2	2,578	206	380	424:39	282
Truck Co. 9	2845	798	0	16,265	196	348	1251:56	186
Truck Co.10	2145	453	2	6,720	223	358	873:04	322
Truck Co.11	2630	819	4	23,819	145	380	1308:51	150
Truck Co.12	914	227	2	3,000	280	260	356:52	382
Total	22,630	7104	14	130,499	2704	3890	25,363:06	3421

BATTALION CHIEFS

Battalion District	Alarms Answered	Alarms Worked	Total District Inspections
Batt. Dist. 1	4,411	1,155	54
Batt. Dist. 2	2,013	983	265
Batt. Dist. 3	3,240	1,565	450
Batt. Dist. 4	5,690	2,428	281
Batt. Dist. 5	1,444	738	252
Total	16,798	6,869	1,302

DEPUTY CHIEFS

Deputy Division	Alarms Answered	Alarms Worked	Total District Inspections
Dep. Div. 1	2,518	919	164
Dep. Div. 2	1,468	1,118	116
Total	3,986	2,037	280

(1)

FIRE PREVENTION DIVISION

Annual Report for 1981
submitted by
Deputy Chief James Morgan

The year 1981 was one which presented new challenges to the Fire Prevention Division. The on going Fire Prevention effort was continued and some new Ordinances and State Regulations were passed so that we might deal more effectively with these problems. Again, the maximum effort was strived for to maintain a high level of Fire Prevention accomplishments.

The Fire Protection Inspector requirements mandated by State Law have been complied with, and all Inspectors assigned to the Fire Prevention Division have met the educational requirements for licensing to the H.H.S. level. Several Inspectors have also received their Fire Protection Sub-Code Official Licenses.

SMOKE DETECTORS

The strict enforcement of the City Smoke Detector Ordinance has been continued and every single violation that has been reported to the Division has been investigated, and abatement achieved or action pending.

A regulation calling for Smoke Detectors to be installed in all common areas of Apartments, and multiple dwellings was promulgated by the State of New Jersey. The Fire Prevention Division has been mandated by the State of assist in the enforcement of this regulation.

PUBLIC EDUCATION

Every method possible has been used to deliver the Fire Prevention message to the citizens of Newark.

The biggest thrust has been aimed at the school population. The Board of Education has both requested our assistance, and has complied with our Inspectors advice in the achievement of this goal. All schools were inspected and visited throughout the year.

All requests for speakers were answered and approximately 100,000 pieces of Fire Prevention Literature were given out to Businesses, School Children, Interested Groups, and Members of the General Public.

Fire Prevention Division (2)

VACANT BUILDINGS

Vacant buildings continued to be a high priority item on our schedule. New methods were employed in attempting to reduce the number of these fire prone structures and some success was met with. The worst and most hazardous buildings were razed and many others were secured or rehabilitated.

The Division continually monitored and kept track of all vacant buildings and will continue to do so.

FIRE RECORDS

The Fire inspection record/violation form that was introduced in 1980 has proven to be a success and was continued in 1981. All violations and inspection records are now kept track of with greater accuracy and the information contained in them has proven most useful in many cases.

OTHER AGENCIES

The good rapport that was established with the other departments in the City and various State Agencies has been continued, and many fire problems have been lessened or abated due to this continued cooperation.

This is necessary to operate efficiently in this day and age.

PLAN REVIEW

Blue Prints of all new construction and alterations that took place in the City were reviewed by the Division.

This will result in more Fire Safe structures and operations in the City in future years.

ANNUAL REPORT
FIRE PREVENTION DIVISION (3)
BUREAU OF COMBUSTIBLES

TOTAL INCIDENTS		24,119
<hr/>		
FIRE INCIDENT RESPONSE		7,566
MISC.SIG.5*s-NOT RECORDED		3,889
OTHER RESPONSE		16,553
	Total	28,008
<hr/>		
BUILDING FIRES-----	2,936	
Occupied-----	2,118	
Vacant -----	818	
NON-BUILDING FIRES-----	4,630	
Dumpsters-----	273	
Auto -----	1,101	
Truck/Bus/Frt.-----	163	
Brush/Rubbish -----	3,093	
OUT OF CITY (Total incidents)----	55	
NON-HOSTILE FIRE RESPONSE-----	2,099	
C/Cooking -----	473	
Furnaceblowback-----	333	
Inciner/Compactor-----	1,097	
Arcing/Sh-Circuit-----	196	
ALL OTHER RESPONSES-----	4,183	
Incl.Rescue,First Aid		
Washdown,accidents,assists		
at Fires etc.		
MALICIOUS FALSE ALARM-----	10,271	
FIRE RELATED DEATHS-----	26	
Firefighter-----	0	
Civilian-----	26	
MULTIPLE ALARM FIRES-----	110	
2nd.Alarm-----	85	
3rd.Alarm-----	25	
4th.Alarm-----	0	
SIGNAL 11-FIRES-----	525	
Occupied Bldg.-----	335	
Vacant Bldg.-----	186	
Non-Building -----	4	
MUTUAL AID TO ASSIST NEWARK		
total incidents-----	16	

(4)

BUILDING INSPECTIONS -----	27,611
{ by Bureau inspectors)-----	17,873
{ inservice Company Inspections-----	9,738
 FIRE CODE VIOLATIONS PROCESSED -----	
{ Rec,d from in-Serv.Co,s } -----	7,462
{ Bureau Inspections } -----	568
{ Telephone/Letters } -----	1,953
	4,941
 SPECIAL BUREAU DETAILS -----	
{ Public functions } -----	87
 FIRE PREVENTION DEMONSTRATIONS -----	
{ Schools/Hosp./Business } -----	511
 FIRE PREVENTION LECTURES -----	
{ School Children involved)-----	386
{ Other Civic Groups }-----	58,456
	1,087
 FIRE PREVENTION LITERATURE DISTRIBUTED -----	100,000
 PLANS EXAMINED AND APPROVED -----	
{ Re;Sprinklers/Standpipes/etc.)-----	428
 PERMITS ISSUED -----	
{ Misc.Comb.Storage/use }-----	3,277
{ Oil/GasEquipment }-----	3,153
{ Theatre Operations }-----	116
	8
 PERMIT FEES COLLECTED -----	\$ 71,984
 COURT CASES INITIATED -----	
{ Violation of Fire Code)-----	66
 COURT HEARINGS ATTENDED -----	
{ Postponments }-----	322
{ Withdrawn }-----	219
{ Dismissed }-----	4
{ Bench Warrants)-----	20
{ Guilty }-----	29
	50
 FINES COLLECTED -----	\$ 12,550
 FIRE INVESTIGATIONS -----	905
 PHOTOGRAPHS TAKEN -----	
{ Hazardous Buildings)-----	1,030
 LETTERS SENT -----	
{ Regular }-----	3,629
{ Certified)-----	3,009
	620

MULTIPLE ALARMS

	<u>1968</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>
<u>MONTH</u>														
<u>JAN.</u>	8	7	6	5	13	5	5	4	7	7	10	10	5	14
<u>FEB.</u>	6	4	6	3	4	5	5	0	6	6	9	15	13	5
<u>MAR.</u>	5	8	7	8	7	7	4	6	4	4	5	8	7	4
<u>APR.</u>	27	5	14	12	16	6	5	12	4	4	15	11	14	13
<u>MAY</u>	4	6	6	6	8	9	6	11	4	14	5	7	12	19
<u>JUN.</u>	0	1	6	14	4	9	6	4	8	4	14	6	4	7
<u>JUL.</u>	10	2	5	15	9	7	5	5	2	15	12	3	10	10
<u>AUG.</u>	2	2	5	10	8	8	9	3	3	7	10	1	9	11
<u>SEPT.</u>	2	4	5	3	3	9	10	3	3	2	7	5	4	6
<u>OCT.</u>	4	6	2	2	2	5	2	3	1	9	3	4	7	8
<u>NOV.</u>	3	6	2	5	4	8	10	0	8	2	8	7	10	3
<u>DEC.</u>	8	7	9	2	5	4	7	6	12	9	9	7	9	10
<u>TOTAL 79</u>	<u>58</u>	<u>73</u>	<u>85</u>	<u>83</u>	<u>82</u>	<u>74</u>	<u>57</u>	<u>62</u>	<u>83</u>	<u>107</u>	<u>84</u>	<u>104</u>	<u>110</u>	

1981 MULTIPLE ALARMS 1981

INCIDENT	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
00091	JAN. 2	0604	4446	622- 18th. Ave.	OCC. 3-S.F. Dw.	2-nd.
00138	2	2240	5358	83-85-Magazine St.	OCC. 4-S.F. Apt.	3-rd.
00414	8	0230	4458	290- 17th. Ave.	OCC. 3-S.F. Dw.	2-nd.
00526	10	1147	4168	18-20-Quitman St.	OCC. 3-S.F. Dw.	2-nd.
00788	14	1936	4114	70-74-Jones St.	OCC. 1-S.B. Dw.	2-nd.
00920	17	1105	1477	343, 349-So. 9th. St.	OCC. 4-S.B. Apt.	3-rd.
00969	18	1435	1334	190- 12-th. Ave.	VAC. 1-S.B. Fact.	2-nd.
01003	19	0605	3419	391- 4th. Ave.	VAC. 4-S.B. Apt.	2-nd.
01060	19	2239	4246	338, 40, 44-Peshine Ave.	VAC. 3-S.F. Dw.	2-nd.
00209	22	1050	5512	140- Thomas St.	OCC. 4-S.B. Apt.	2-nd.
01255	22	2311	1438	330, 32- So. 12th. St	OCC. 3-S.F. Dw.	2-nd.
01541	27	0239	1417	282- 6th. St.	OCC. 4-S.B. Apt.	3-rd.
01798	30	1617	2322	148- Clinton Ave.	OCC. Church	2-nd.
01808	30	1807	2321	101- Clinton Ave.	OCC. 2 ½ ST. Apt/WB.	2-nd.
02068	FEB. 3	1305	1489	154- Roseville Ave.	OCC. 4-S.B. Apt.	3-rd.
02157	4	2035	4232	110, 12, 14-Badger Ave.	OCC. 1-S.B. Garage	2-nd.
02809	14	2036	1434	215- So. 10th. St.	OCC. 2-S.F. Dw.	2-nd.
02840	15	0439	3314	80- 2nd. Ave.	OCC. 5-S.B. Apt.	2-nd.
03675	28	2327	2429	96, 98-E. Runyon St.	OCC. 2- S.F. Dw.	2-nd.
04210	MAR. 10	0814	1753	10-Littleton Ave.	OCC. 18-S.B. Apt.	3-rd.
04630	16	0422	2432	31, 33- E. Runyon St.	OCC. 2-St. Church	2-nd.
04754	18	1617	3711	29- Riverside Ave.	VAC. 4-S.B. Fact.	3-rd.
05416	27	2117	4262	338, 42- Peshine Ave.	VAC. 3-S.F. Dw.	2-nd.

1982- MULTIPLE ALARMS -1982

INCIDENT	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
05985	APR. 4	0209	4246	334, 38- Peshine Ave.	VAC.3- S.F.	2-nd.
06208	7	1157	1891	Hall of Records	OCC. Court House	2-nd.
06303	8	1754	3253	504- Broadway	OCC.3- S.F.	2-nd.
06478	11	0014	2438	124, 26-Wright St.	VAC.3- S.B.	2-nd.
06605	12	1818	1423	339-53- 6th.Ave.	OCC.2- S.B.	2-nd.
06641	13	2337	2333	29- Gillette Pl.	VAC.3- S.F.	3-rd.
06839	15	2126	3114	450-Broad St.	OCC.5- S.B.	3-rd.
06854	16	0853	3328	583- Mt.Prospect Ave.	OCC.5- S.B.	2-nd.
07209	20	2309	1427	90, 93, 97-So. 14th. St.	VAC.2½ S.F.	2-nd.
07213	21	0156	1591	930, 32- So.Orange Ave.	OCC.2½ S.F.	2-nd.
07290	22	0700	4442	709, 711- So.16th. St.	OCC.3- S.F.	2-nd.
07561	26	2143	3124	80, 82- Webster St.	OCC.3- S.B.	2-nd.
07764	29	2235	4114	58- Beacon St.	OCC.4- S.F.	2-nd.
07845	MAY. 1	1331	4318	376, 78- Fairmount Ave.	VAC.3- S.F.	2-nd.
08023	4	0209	4442	660, 62, 64- Springfield Ave.	3- S.F.	2-nd.
08081	4	2092	4356	89- Chadwick Ave	OCC.3- S.F.	2-nd.
08371	9	0011	4146	158, 62- Johnson Ave.	OCC.3- S.F.	3-rd.
08453	9	2352	3727	169- Verona Ave.	OCC.3- S.F.	3-rd.
08463	10	0221	4642	1-11- Mapes Ave.	OCC.5- S.B.	3-rd.
08538	11	0216	4461	505, 07- So. 19th. St.	OCC.3- S.F.	2-nd.
08709	14	0004	4246	354- Jelliff Ave.	VAC.4- S.B.	2-nd.
08846	16	0527	1224	125, 27, 29-Norfolk St.	OCC.3- S.F.	3-rd.
09231	21	2345	4332	234- Avon Ave.	OCC.3- S.F.	3-rd.
09232	21	2350	4257	838 - Hunterdon St.	VAC.3- S.F.	3-rd.
09485	24	2256	1337	114- Camden St.(112, 16)	OCC.3- S.F.	2-nd.
09502	25	0428	1357	20- Fairmount Ave.	OCC.3- S.F.	2-nd.
09504	25	0631	4452	642- So.11th.St (648)	OCC.2½ S.F.	3-rd.
09639	26	2052	3513	663, 65- Mt.Prospect Ave.	OCC.2½ S.F.	2-nd.
09664	27	0550	1232	123, 131- Norfolk St.	OCC.3- S.F.	3-rd.
09682	27	1331	4469	655, 57, 61- So.10th. St.	OCC.3- S.F.	2-nd.
09817	29	0537	1238	293, 95, 97- Orange St.	OCC.3- S.F.	2-nd.
09972	31	0025	1224	150- W.Market St.	OCC.3- S.F.	2-nd.

1981- MULTIPLE ALARMS- 1981

INCIDENT	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
10297	JUNE 4	1238	4435	757, 59, 61-So. 11th. St.	Occ. 2½ -St. Fr. Dwell.	2-nd.
10409	5	2058	1149	262, 64, 66-Orange St.	Occ. 3 -St. Fr. Dwell.	2-nd.
10932	12	1401	4518	420- Peshine Ave.	Vac. 3 -St. Fr. Dwell.	2-nd.
11124	14	0322	3113	(130-34-Watson Ave. Exp.)	Occ. 4 -St. Br. Apt.	2-nd.
11996	25	0154	3141	52- University Ave.	Vac. 5 -St. Br. Apt.	2-nd.
12016	25	1314	4151	147, 49-Clifton Ave.	Vac. 3 -St. Fr. Dw.	2-nd.
12288	28	1436	1436	49- W. Runyon St.	Occ. 3 -St. Fr. Dw.	2-nd.
12729	JULY 4	1954	5335	124- Christie St.	Occ. 1 - St. Br. Whs.	2-nd.
13079	9	0845	3124	36-38-Broadway	Occ. 2 - St. Fr. Dw.	3-rd.
13357	12	1813	4456	516- 15th. Ave.	Vac. 3 - St. Fr. Dw.	2-nd.
13531	14	1948	4148	109- Johnson Ave.	Vac. 4 - St. Br. Apt.	2-nd.
13700	17	0422	1414	4- So. 8th. St.	Occ. 4 - St. Br. Apt.	2-nd.
13728	17	1555	3227	11, 15, 17, 19-Mt. Pleasant Ave.	Occ. 3 & 4-St. Apt.	3-rd.
13978	21	0233	1152	38-40- Richmond St.	Vac. 4 - St. Br. Apt.	2-nd.
14024	22	2140	3114	450- Broad St.	Vac. 5 - St. Br. Hotel	3-rd.
14288	26	0930	2135	52-54- University Ave.	Vac. 4 - St. Br. Apt.	2-nd.
14310	26	1935	1122	40- So. Orange Ave.	Occ. 2½-St. Br. Whs.	2-nd.
14670	AUG. 1	1937	3112	230- High St.	Occ. 5 - St. Br. Apt.	2-nd.
14761	2	2234	4463	502-04-So. Orange Ave.	Occ. 3 - St. Fr. Dw.	2-nd.
15080	7	1555	4326	10-20- Magnolia St.	Occ. 3 - St. Br. Factory	3-rd.
15431	12	1805	4442	709- So. 16th. St.	Vac. 3 - St. Fr. Dw.	2-nd.
15636	16	1418	5337	(707, 11, 13, Exp.)	Occ. 2 - St. Fr. Dw.	2-nd.
15814	19	0159	1332	84-86- Vincent St.	Occ. 3 - St. Fr. Dw.	2-nd.
15818	19	0418	4245	45, 47, 49- 2nd. Ave.	Occ. 3 - St. Fr. Dw.	2-nd.
15904	20	1952	5513	831, 33- Huntedon St.	Vac. 3 - St. Br. Factory	2-nd.
16087	23	0135	5147	502- Mulberry St.	Occ. 1 -St. Br. Factory	3-rd.
16209	25	0748	3215	60- Chapel St.	Vac. 3 -St. Fr. Dw.	2-nd.
16555	30	1637	1348	5, 7, 11- Clark St.	Occ. 3 -St. Fr. Dw.	3-rd.
				308- So. 7th. St.		
				(301, 03, 04, 05, 06. Exp.)		

1981 - MULTIPLE ALARMS - 1981

INCIDENT	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
16807	SEPT. 3	1930	1238	298, 300, 302-Orange St.	Vac. 3- St. Fr. Dw.	2-nd.
17042	7	0039	4148	135- Johnson Ave.	Occ. 5-St. Br. Apt.	2-nd.
17556	15	2335	4242	354-Jelliff Ave.	Occ. 4-St. Br. Whs.	2-nd.
17985	24	1435	1233	47- Dickerson St.	Vac. 4-St. Br. Ftry.	2-nd.
18248	27	2227	2429	22-36- E. Runyon St.	Vac. 1-St. Br. Ftry.	3-rd.
18275	28	1403	1373	122,24,26,-2nd. St.	Vac. 3-St. Fr. Dw.	2-nd.
18595	OCT. 4	1225	1444	435-So. 15th. St. (433, 37, Exp)	Occ. 3-St. Fr. Dw.	2-nd.
18676	5	1447	3222	1401-03-Mc. Carter Hwy.	Vac. 3- St. Fr. Dw.	2-nd.
19062	11	1814	4218	381, 83- Morris Ave.	Vac. 4- St. Br. Apt.	2-nd.
19093	12	0403	1317	213-221- 5th. St.	Occ. 2-St. Fr. Dw.	3-rd.
19589	19	1751	4145	736- Irvine Turner Blvd.	Vac. 4-St. Fr. Dw.	2-nd.
19715	21	1858	1411	123, 25, 27-So. 8th. St.	Occ. 3-St. Fr. Dw.	2-nd.
19868	24	0414	5146	589- Ferry St.	Occ. 1-St. Br. Ftry.	3-rd.
20106	28	0107	1432	560, 62- Central Ave.	Occ. 1-St. Rep. Shop.	2-nd.
20862	NOV. 7	0558	1321	217, 19- No. 4th. St.	Occ. 3-St. Fr. Dw.	2-nd.
20907	8	0310	5158	(215, 221-No. 4th. St. Exp.)		
22178	27	0155	3214	91-97-Blanchard St.	Occ. Ftry. & Pallets	2-nd.
				115- Broadway	Occ. 2-St. Fr. Dw.	2-nd.
22462	DEC. 1	1509	2328	107-Lincoln Park	Occ. 4-St. Br. Hotel	2-nd.
22689	5	0343	1417	195-Roseville Ave.	Occ. 4-St. Br. Apt.	3-rd.
22841	7	1901	4591	215-Wainwright St.	Occ. 3-St. Fr. Dw.	2-nd.
23085	12	0035	4252	299-15th. Ave.	Vac. 4-St. Br. Apt.	2-nd.
23123	12	1657	1449	251, 53, 55-So. 19th. St.	Occ. 3-St. Fr. Dw.	2-nd.
23209	14	0336	4438	65-Pierce St.	Occ. 3-St. Fr. Dw.	2-nd.
23687	24	0309	4337	86-Van Ness Pl.	Vac. 3-St. Fr. Nsg. Home	2-nd.
23690	24	0833	4452	513, 15, 17, 19-Springfield Ave.	5-St. Br. Apts.	2-nd.
23862	27	0407	1365	109, 111- Littleton Ave.	Occ. 3-St. Fr. Dw.	2-nd.
23910	28	1543	2326	49, 55-Pennsylvania Ave.	Vac. 4-St. Br. Apts.	3-rd.

(10)

FIRE DEATH STATISTICS

<u>MONTH</u>	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
JAN.	1	4	3	1	6	3	0	1	1	2	4	1	3	4
FEB.	3	1	2	7	4	12	4	1	0	4	5	12	0	1
MAR.	1	4	1	3	10	1	3	0	6	1	3	1	3	1
APR.	7	3	8	3	4	5	1	9	0	2	4	9	2	5
MAY.	1	2	6	2	4	2	3	7	2	0	0	4	4	3
JUNE	1	0	1	7	0	5	0	8	0	0	0	1	3	3
JULY	3	0	8	6	1	2	0	1	1	3	1	0	1	2
AUG.	3	1	1	3	0	0	3	1	0	0	5	0	3	0
SEPT.	2	1	0	0	7	2	0	1	1	0	5	1	0	0
OCT.	2	1	2	2	4	1	1	2	0	1	1	0	0	1
NOV.	5	3	3	1	6	2	0	1	1	1	4	6	1	0
DEC.	0	4	1	5	0	3	6	1	4	14	14	2	3	6
TOTAL	29	24	36	40	46	38	21	33	16	28	46	37	23	26

(11)

FIRE DEATH STATISTICS

YEAR	TOTAL	6 and UNDER	(By Age)					age 51 to 70	age OVER 70
			age 7 to 17	age 18 to 30	age 31 to 50	age 51 to 70	age OVER 70		
1968	28	3	2	5	11	6	1		
1969	24	6	0	1	3	10	4		
1970	36	9	4	1	6	12	4		
1971	40	7	8	5	8	11	1		
1972	46	11	7	7	12	4	5		
1973	38	12	6	6	5	10	1		
1974	21	7	3	1	3	5	2		
1975	33	13	5	3	3	9	0		
1976	16	3	1	3	2	3	4		
1977	28	5	2	5	7	6	2 + 1-Unknown		
1978	46	11	8	5	13	6	3		
1979	36	6	4	6	4	7	9 + 1-Unknown		
1980	23	8	2	2	7	3	1		
1981	26	10	1	7	3	3	1 + 1-Unknown		

(12)

ELEMENTARY SCHOOLS	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
CAMDEN ST. -----	2	18	6	4	30
CAMDEN MIDDLE-----	0	5	4	0	9
CHANCELLOR AVE.-----	0	2	3	8	13
CHANCELLOR ANNEX -----	0	3	0	0	3
CARVER G.W. -----	0	10	8	7	25
CHARLTON -----	0	0	0	0	0
CLEVELAND-----	0	36	13	2	51
CLINTON AVE. -----	0	2	0	1	3
DAYTON ST.-----	0	10	1	19	30
EIGHTEENTH AVE -----	0	2	3	3	8
ELLIOT ST -----	0	6	4	5	15
FIFTEENTH AVE. -----	0	5	2	3	10
FIFTH AVE -----	0	0	4	3	7
FOURTEENTH AVE.-----	0	2	2	1	5
FRANKLIN -----	0	1	4	3	8
HARRIET TUBMAN-----	0	8	4	2	14
HAWKINS ST. -----	1	1	4	6	12
HAWKINS ST.ANNEX -----	0	2	1	1	4
HAWTHORN AVE.-----	0	0	1	2	3
HUDSON ST. -----	0	0	0	0	0
LAFAYETTE ST.-----	0	4	3	1	8
LAFAYETTE ST.ANNEX-----	0	0	0	0	0
LINCOLN -----	0	2	0	0	2
LOUIS A SPENCER -----	0	3	2	2	7
MADISON -----	0	4	6	6	16
MAPLE AVE. -----	0	5	3	1	9
MAPLE AVE.ANNEX -----	0	0	0	0	0
MAPLE LYONS ANNEX -----	0	1	2	1	4
MARCUS GARVEY -----	0	3	3	0	6
MARTIN LUTHER KING -----	1	4	3	6	14
McKINLEY -----	4	33	14	16	67
MILLER ST. -----	0	4	9	4	17
MORTON ST. -----	0	6	2	4	12
Mt.VERNON -----	2	0	1	1	4
NEWTON ST.-----	0	2	2	2	6
OLIVER ST. -----	1	4	5	5	15
PESHINE AVE. -----	1	11	1	1	14
QUITMAN ST. -----	0	15	9	0	24
QUITMAN ST.ANNEX -----	0	0	0	0	0
RIDGE ST. -----	0	1	0	2	3
ROBERTO CLEMENTE -----	1	6	1	12	20
ROBERTO CLEMENTE ANNEX-----	0	2	0	1	3
ROSA L. PARKS -----	0	0	0	0	0
ROSEVILLE AVE. -----	0	1	1	0	2
ROSEVILLE AVE.ANNEX ---	0	0	1	0	1

(13)

PUBLIC SCHOOL REPORT

	ACTUAL FIRE	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
--	----------------	----------------	----------------	-------------------	-------------------

ARTS -----	1	1	3	0	5
BARRINGER-----	1	4	1	11	17
CENTRAL -----	0	15	5	1	21
EAST SIDE-----	6	29	74	11	120
MAL.X.SHABAZZ-----	0	12	6	0	18
UNIVERSITY -----	0	1	0	1	2
VAILSBURGH-----	4	2	0	3	9
WEEQUAHIC-----	3	1	12	5	21
WEST SIDE -----	1	25	3	7	36
FLOYD PATTERSON----	0	0	4	1	5

JUNIOR HIGH SCHOOL

BROADWAY-----	1	6	1	3	11
CLINTON PLACE-----	0	9	4	3	16
SEVENTH AVE.-----	1	6	0	0	7
WEBSTER -----	0	0	2	3	5
WEST KINNEY -----	0	2	1	4	7

ELEMENTARY SCHOOL

ABINGTON AVE.-----	0	5	3	2	10
ALEXANDER ST.-----	0	10	1	4	15
ANN ST. -----	2	3	2	3	10
AVON AVE. -----	0	1	0	5	6
BELMONT RUNYON ----	0	0	1	2	3
BERGEN ST. -----	0	40	9	10	59
BRAGAW AVE.-----	0	9	1	0	10
BRAGAW AVE.ANNEX----	0	0	0	0	0
BROADWAY -----	0	1	0	0	1
BURNET ST.-----	0	2	3	4	9

(14)

ELEMENTARY SCHOOLS

	ACTUAL FIRE	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
South Street-----	1	2	0	2	5
So. Seventeenth St.-----	1	27	5	2	35
Speedway Ave.-----	0	0	1	3	4
Spencer L. -----	-	-	-	-	-
Springfield Ave. Comm.-----	0	1	1	0	2
Sussex Ave.-----	0	12	9	6	27
Thirteenth Ave.-----	1	25	3	5	34
Warren St.-----	2	4	1	0	7
Wm. H. Horton-----	0	8	2	3	13
Wilson Ave.-----	1	3	5	1	10
Sussex Ave. Annex -----	0	1	1	0	2

SPECIAL SCHOOLS

Alyea St.-----	0	0	1	0	1
Arlington Ave.-----	0	0	0	0	0
Branch Brook -----	0	0	0	1	1
Bruce St.-----	0	0	0	0	0
Chestnut -----	0	0	1	2	3
J. F. Kennedy-----	0	0	1	2	3
Montgomery St.-----	0	5	0	0	5
Woodland-----	0	0	0	0	0
Boylan -----	0	1	2	0	3

TOTALS

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
1981 -----	39	497	301	245	1,082
1980 -----	50	522	341	244	1,157
1979 -----	78	585	454	232	1,349
1978 -----	50	454	356	207	1,067
1977 -----	87	818	481	221	1,607
1976 -----	81	882	457	202	1,622
1975 -----	98	972	483	198	1,751
1974 -----	76	879	443	158	1,556
1973 -----	64	563	448	195	1,270
1972 -----	71	763	504	187	1,535

HI-RISE BUILDING REPORT

(15)

<u>N.H.A</u>	ACTUAL FIRES	INCINERATOR COMPACTOR	FALSE ALARM	OTHER	TOTAL RESPONSE
BAXTER APTS.-----	2	14	3	17	36
BAXTER ELDERLY-----	0	0	0	0	0
BRADLEY COURT -----	3	0	2	2	7
COLUMBUS HOMES-----	136	152	23	73	384
FELIX FULD -----	6	3	1	12	22
HAYES HOMES -----	157	254	49	76	536
HAYES ELDERLY -----	1	1	0	0	2
HYATT COURT-----	6	2	2	11	21
KRETCHMER HOMES-----	94	116	14	56	280
KRETCHMER ELDERLY-----	2	1	1	0	4
PENNINGTON COURT-----	3	6	8	8	25
ROOSEVELT HOMES -----	2	0	0	8	10
SCUDDER HOMES -----	77	79	11	38	205
SCUDDER ELDERLY -----	0	0	0	1	1
SETH BOYDEN COURT-----	6	16	0	20	42
SETH BOYDEN ELDERLY---	0	0	0	0	0
STEPHEN CRANE-----	1	4	8	15	28
STEPHEN CRANE ELDERLY-	1	0	1	13	15
STELLA WRIGHT HOMES---	132	194	17	36	378
STELLA WRIGHT ELDERLY-	0	0	0	1	1
WALSH HOME -----	65	158	8	45	276
WALSH ELDERLY-----	0	0	0	0	0
 TOTAL-----	 694	 999	 148	 432	 2,273

TOTALS

OTHER THAN N.H.A ---	68	55	27	192	342
----------------------	----	----	----	-----	-----

MOBILE PROPERTY TYPE

FIRES

1. PASSENGER ROAD VEHICLES

11. Automobile-----	1,101
12. Bus -----	26
13. Motorcycle-golf cart-snowmobile -----	7
14. Motor home-bookmobile etc. -----	0
15. Travel trailer -----	0
16. Camping trailer -----	0
17. Mobil home -----	7

2. FREIGHT ROAD TRANSPORT VEHICLES

21. Trucks over 1-ton, general use-----	39
22. Trucks under 1-ton, small -----	36
23. Semi-trailer truck -----	33
24. Tank truck, Non flamm. cargo -----	0
25. Tank truck, flammable/combustible cargo ----	1
26. Tank truck, compressed gas or LP gas -----	0
27. Trash truck -----	4

3. RAIL TRANSPORT VEHICLES

31. Passenger, diner car -----	0
32. Freight , box car -----	5
33. Tank car -----	1
34. Container, piggy back car -----	0
35. Locomotive, engine -----	0
36. Self-powered car. -----	0
37. Maintenance equipment car -----	0

4. WATER TRANSPORT VESSELS

41. Motor craft (under 65 Ft.)-----	2
42. Vessel(over 65 Ft.-under 1000 tons)-----	0
43. Passenger ship-----	0
44. Tank ship -----	0
45. Combat ship -----	0
46. Cargo ship(other than above)-----	0
47. Vessels without power -----	4
48. Commercial fishing vessels -----	1

(17)

MOBIL PROPERTY (continued)

5. AIR TRANSPORT VEHICLES

TOTAL

51. Aircraft (under 12,500 lbs.)-----	0
52. Personal aircraft over(12,500 lbs.) -----	0
53. Commercial transport (reciprocation engine)-	0
54. Commercial (jet turbine powered)-----	0
55. Helicopter,non-military -----	0
56. Combat - type aircraft-----	0
57. Non-combat military type aircraft-----	0

6. HEAVY EQUIPMENT

61. Earth moving-bulldozers,graders etc-----	1
62. Construction-pile drivers,compressors-----	0
63. Material handling-forklift-tow motors-----	2
64. Crane -----	0
65. Tractors,harvesters,pickers -----	0
66. Drilling rig -----	0
67. Armored cars -----	0
68. Space vehicles-----	0

7. SPECIAL VEHICLES,CONTAINERS

71. Garden equip. snow blowers -----	1
72. Dumpsters -----	273
79. Special vehicles not classified above-----	0

1. PUBLIC ASSEMBLY PROPERTY

11. FIXED USE AMUSEMENT PLACES

111. Bowling-----	0	0	0
112. Billiard,pool hall -----	0	0	0
113. Bingo ,dance hall-----	0	95	2
114. Ice rink -----	0	0	0
115. Roller rink -----	0	0	0
119. Amusement not classified-	0	0	0

12. VARIABLE USEDAMUSEMENT PLACES-

121. Ballroom,gymnasium-----	0	0	0
122. Exhibition hall-----	0	0	0
123. Arena,grandstand-----	0	0	0
124. Playground-----	21	0	0

13. CHURCHES,FUNERAL PARLORS

131. Church,chapel-----	6	6	0
132. Religious education-----	0	0	0
133. Church hall-meetings-----	0	0	0
134. Funeral parlor,morgue----	1	1	0

14. CLUBS

141. Boys club,YMCA-----	1	4	0
142. Country club-----	0	0	0
143. Yacht club-----	0	0	0
149. Club not classified-----	0	0	0

15. LIBRARIES,MUSEUMS,COURTS

151. Library-----	1	0	0
152. Museum,art gallery-----	0	0	0
153. Historical building-----	0	0	0
154. Memorial building-----	0	0	0
155. Court room-----	1	1	0
156. Legislative hall-----	0	0	0

16. EATING,DRINKING PLACES

161. Restaurant,diner-----	9	28	4
162. Nightclub-----	0	0	0
163. Taverns -----	8	276	41
164. Lunchroom,drive-in -----	2	0	0

17. PASSENGER TERMINALS

FIRES- INSPECTIONS -VIOLATIONS

171. Airport, pass. term.-----	2	20	1
172. Heliport. helishop -----	0	0	0
173. Bus passenger term -----	0	12	0
174. St. level rail term -----	2	4	0
175. Undergrnd. rail term.-----	2	2	0
176. Elevated rail term.-----	3	2	0
177. Marine pass. term.-----	0	0	0

18. THEATRES, STUDIOS

181. Legitimate theatre-----	0	0	0
182. Auditorium-concert hall----	0	0	0
183. Motion picture theatre-----	4	8	2
184. Drive-inn theatre-----	0	0	0
185. Radio, TV. studios-----	0	0	0
186. Motion picture studio-----	0	0	0

. EDUCATIONAL PROPERTY

21. NON-RESIDENTIAL SCHOOLS

211. Nursery school -----	0	107	4
212. Kindergarten -----	0	38	0
213. Elementary schools-----	21	118	8
214. Junior high school -----	2	42	3
215. High school -----	16	36	2

23. RESIDENTIAL SCHOOLS

221. Boarding school-----	0	0	0
---------------------------	---	---	---

23. TRADE, BUSINESS SCHOOLS

231. Vocational trade school-----	3	21	5
232. Special school-- -----	0	24	0
234. Rehabilitation center-----	0	0	0

24. COLLEGES, UNIVERSITY

241. College-university-----	2	12	3
------------------------------	---	----	---

(20)

3. INSTITUTIONAL PROPERTY

FIRE-INSPECTIONS-VIOLATIONS

31. CARE OF THE AGED

311. Care/aged w/nursing-----	1	36	5
312. Care/aged w-o-nursing-----	0	0	0

32. CARE OF YOUNG

321. Day child-care center-----	1	3	0
322. Orphanage -----	0	0	0
323. Foster home -----	0	0	0

33. CARE OF SICK, INJURED

331. Hospitals-----	20	213	4
332. Sanitarium -----	0	0	0
334. Clinic -----	0	4	0

34. CARE OF PHYSICALLY RETARDED

341. Prison cell, men-----	0	0	0
342. Prison cell, women-----	0	0	0
343. Juvenile detention home-----	0	0	0
345. Police station -----	2	0	0

35. CARE OF PHYSIC. INCONVENIENCED

351. Care of deaf-mute-blind----	0	0	0
352. Physical rehabilitation----	0	0	0

36. CARE OF MENTALLY HANDICAPPED

361. Mental institution-----	0	0	0
362. Mentally retarded-----	0	0	0

30. INSTITUTIONAL UNCLASSIFIED PROP.

309. Institutional unclassified-	0	535	1
----------------------------------	---	-----	---

(21)

RESIDENTIAL PROPERTY

41. ONE AND TWO FAMILY DWELLING

FIRES-INSPECTIONS-VIOLATIONS

411- One family dwelling -----	59	761	51
414- Two family dwelling -----	274	983	135

42. APARTMENTS, TENEMENTS, FLATS

421- 1 or 2 units w/business -----	27	1161	102
422- 3 through 6 units -----	376	2210	311
423- 7 through 20 units -----	50	762	173
424- Over 20 units -----	891	2385	323

43. ROOMING, BOARDING, LODGING HOUSES

431- 3 to 8 roomers -----	2	723	99
432- 9 to 15 roomers -----	1	412	76

44. HOTEL, MOTELS, INNS

441- Less than 20 units -----	2	40	11
443- 20 to 99 units -----	6	415	76
445- 100 or more units -----	3	208	22

46. DORMITORIES

461- School, college dorm. -----	1	6	3
462- Fraternaty, sorority -----	0	0	0
463- Nurses quarters -----	0	0	0
465- Convent, monastery -----	0	0	0
466- Workers bunk house -----	0	0	0

48. HOME HOTELS

481- Less than 20 units -----	0	0	0
483- 20 to 99 units -----	0	0	0
485- 100 or more units -----	0	0	0

49. OTHER RESIDENTIAL OCCUPANCIES

491- Childrens playhouse -----	0	0	0
492- Outdoor tents -----	0	0	0

5. STORE, OFFICE PROPERTY

51. FOOD AND BEVERAGE SALES

FIRE-INSPECTIONS-VIOLATIONS

500. Unclassified -----	10	0	0
511. Supermarket -----	2	2	0
512. Grocery store -----	5	5	2
513. Specialty food store -----	1	1	0
514. Liquor, beverage store -----	1	1	0
515. Creamery, dairy store -----	1	1	1
516. Delicatessen -----	1	1	0

52. TEXTILE, WEARING APPAREL SALES

521. Clothing store -----	2	2	0
522. Clothing acces-shoe store -----	0	0	0
523. Shoe repair shop -----	0	0	0
524. Tailor, dressmaking shop -----	0	0	0
525. Fur store -----	0	0	0
526. Dry goods store -----	0	0	0

53. HOUSEHOLD GOODS, SALES, REPAIRS

531. Furniture store -----	1	1	0
532. Appliance store -----	0	0	0
533. Hardware Store -----	1	1	1
534. Music store -----	0	0	0
535. Wallpaper, paint store -----	0	0	0
536. Rugs, floor covering store -----	0	0	0
537. Furniture repair shop -----	0	0	0
538. Appliance repair shop -----	0	0	0

54. SPECIALTY SHOPS

541. Book, stationery store -----	0	0	0
542. Newsstand, tobacco shop -----	0	0	0
543. Drug store -----	0	0	0
544. Jewelry Store -----	0	0	0
545. Gift shop -----	0	0	0
546. Leather goods shop -----	0	0	0
547. Florist, greenhouse -----	0	0	0
548. Optical goods sales -----	0	0	0

(23)

FIRES-INSPECTIONS-VIOLATIONS

55. RECREATION, HOBBY, HOME REPAIR SALES

551. Hobby, toy shop -----	0	0	0
552. Sporting goods sales-----	1	1	0
553. Photo supplies sales-----	0	0	0
554. Garden supply sales-----	0	0	0
555. Retail lumber sales-----	0	0	0
556. Pet store/hospital-----	0	0	0
557. Barber, beauty shop -----	2	2	0

56. PROFESSIONAL SUPPLY, SERVICES

561. Professional supp. sales----	0	0	0
562. Trade supply sales-----	0	0	0
563. Art supply sales-----	0	0	0
564. Laundry/cleaners self-serv--	0	0	0
566. Laundry/cleaners pick-up----	4	10	0
565. Linen supply house-----	0	0	0
567. Home maintenance service----	0	0	0
568. Restaurant supp/services----	0	0	0

57. MOTOR VEHICLE, BOAT SALE, SERVICE

571. Service station, public-----	5	21	4
572. Service station, private-----	0	0	0
573. Vehicle repair-paint shop---	3	16	6
574. Vehicle, trailer sales-----	0	0	0
575. Vehicle accessory sales-----	0	0	0
576. Boat, craft sales-----	0	0	0
577. Service station, marine-----	0	0	0
578. Car washing facility-----	0	0	0

58. GENERAL ITEM STORES

581. Department store-----	2	12	2
582. Variety store, small-----	0	0	0
583. Variety store, large-----	0	0	0
584. Mail order store-----	0	0	0
585. Mall -----	0	0	0

59. 591. General business office-----	26	26	0
592. Bank -----	0	0	0
593. Medical research office-----	1	1	0
594. Engineering/architectural---	0	0	0
595. Mailing office -----	0	0	0
596. Post office-----	0	0	0

6. BASIC INDUSTRY, UTILITY, DEFENSE

FIRE INSPECTIONS VIOLATIONS

61. NUCLEONICS, ENERGY PRODUCTION

614. Steam-heat energy plant-----	0	0	0
615. Elect. generating plant -----	2	2	0
616. Gas manufacturing plant-----	0	0	0

62. LABORATORIES

621. Chemical-medical lab.-----	2	2	0
627. Research general -----	0	0	0

63. COMMUNICATIONS, DOCUMENT FACILITIES

632. Radio, radar site -----	0	0	0
633. Fire-police comm. center-----	0	0	0
634. Telephone exchange -----	0	0	0
635. Computer-data process.-----	0	0	0
636. Document-respositor-----	0	0	0

64. UTILITIES

642. Elect. distrib. center-----	0	0	0
644. Gas distrib-pipeline-----	0	0	0
645. Flamm. liq. distribution ----	0	0	0
646. Steam distrib. center -----	0	0	0
647. Water supply system -----	0	0	0
648. Sanitary-garbage service----	19	0	0

65. AGRICULTURE

657. Fruit, vegetable pack -----	2	2	0
----------------------------------	---	---	---

66. FORESTRY, HUNTING, FISHING

662. Log storage pile -----	0	0	0
664. Tree -----	0	0	0

68. NONMETALLIC MINERAL PRODUCTS MANUF.

681. Clay products manuf.-----	1	1	0
682. Glass manuf.-----	1	1	0
683. Glass products manuf.-----	0	0	0
684. Pottery manuf.-----	0	0	0
685. Cement manuf. -----	0	0	0
686. Concrete batch plant -----	0	0	0
688. Plaster prod. manuf.-----	0	0	0

7.MANUFACTURING PROPERTY

(25)

FIRE - INSPECTIONS - VIOLATIONS

71.FOOD

700. Unclassified -----	22	0	0
711. Slaughter,meat -----	1	2	0
712. Dairy products mfg. -----	0	0	0
713. Canning,fruits-veg. -----	0	0	0
714. Canning,fish-sea food ----	0	0	0
715. Grain prod. mfg. -----	0	0	0
716. Bakery prod. mfg. -----	2	2	0
717. Sugar refining mfg. -----	2	2	0
718. Snack foods mfg. -----	0	0	0

72.BEVERAGES,TOBACCO,ESSENTIAL OILS

721. Distilling,spirits -----	0	0	0
723. Brewery -----	0	0	0
724. Soft drinks -----	0	0	0
725. Tobacco prod.mfg. -----	0	0	0
726. Soapmaking -----	0	0	0

73.TEXTILES

732. Cotton weaving -----	1	2	1
734. Mixed fibers,weaving -----	2	2	0
735. Textile finishing -----	0	0	0
736. Knitting mills -----	0	0	0
737. Cording,rope mfg. -----	0	0	0
738. Floor covering mfg -----	0	0	0

74. FOOTWEAR,WEARING APPAREL

741. Footwear mfg.-----	0	0	0
742. Wearing apparel mfg.-----	3	5	0
743. Made-up textile mfg.-----	0	0	0
744. Tanneries -----	2	4	1
745. Fur,fur prod.mfg. -----	0	0	0
746. Rubber prod. mfg. -----	2	3	0
747. leather prod.mfg.			

75. WOOD, PAPER, FURINTURE,PRINTING

751. Sawmill -----	1	1	0
752. Wooden ware mfg. -----	1	1	0
753. Wood, cork prod.mfg.-----	2	3	1
754. Furnituremfg. -----	0	0	0
755. Paper,paperboard mfg. ----	3	7	2
756. Paperboard prod.mfg. -----	2	4	0
757. Newspaper,magazine -----	2	2	0

76. CHEMICAL, PLASTIC, PETROLEUM

FIRE-INSPECTIONS-VIOLATIONS

761. Industrial chem.mfg.-----	3	10	2
762. Hazardous chem.mfg.-----	3	6	1
763. Plastic mfg.-----	3	3	0
764. Plastic prod.Mfg.-----	3	3	0
765. Paints,adhesive mfg.-----	4	4	0
766. Drugs,cosmetics mfg.-----	0	0	0
767. Petroleum,gas ref.-----	3	6	0
778. Asphalt,coal prod. mfg.-----	0	0	0

77. METAL, METAL PRODUCTS

771. Iron,steel mfg.-----	19	29	5
772. Non-ferrous metal mfg.-----	1	1	0
773. Metalprod. mfg.-----	7	7	0
774. Machinery mfg.-----	1	1	0
775. Elect.machinery mfg.-----	0	0	0
776. Elect.appliance mfg.-----	0	0	0

78. VEHICLE ASSEMBLY, MANUFACTURE

781. Ship repairing (over 65")-----	0	0	0
782. Ship repair (under 65")-----	0	0	0
783. Railway equip.mfg.-----	0	0	0
784. Motor vehicle mfg.-----	0	0	0
785. Bycycle assembly,mfg.-----	0	0	0
786. Aircraft.rocket assy.-----	0	0	0
787. Transport equip.mfg.-----	0	0	0

79. OTHER MANUFACTURING

791. Instrument mfg.-----	0	0	0
792. Photo,optical mfg.-----	0	0	0
793. Watch,clock mfg.-----	0	0	0
794. Jewelry mfg.-----	0	0	0
795. Musical inst.mfg.-----	0	0	0
796. Dry cleaning plant-----	5	12	3
797. Photo film process lab-----	0	0	0
798. Toy,sporting goods mfg.-----	1	1	0

70. MANUFACTURING PROPERTY, UNCLASSIFIED

708. General maintenance shop-----	0	0	0
------------------------------------	---	---	---

(27)

8. STORAGE PROPERTY

81. AGRICULTURAL PRODUCTS STORAGE FIRE-INSPECTIONS-VIOLATIONS

800. Unclassified-----	6	0	0
812. Boxed agricul.prod.-----	0	0	0
813. Loose Agricul.Prod.-----	0	0	0
815. Barns,stables -----	0	0	0
818. Agricul.supply storage-----	0	0	0

82. TEXTILE STORAGE

821. Baled cotton-----	0	0	0
824. Baled jute,hemp -----	0	0	0
825. Cloth,yarn -----	0	0	0
826. Wearing apparel -----	1	2	0
827. Leather products -----	0	0	0
828. Fur,hair products -----	1	0	0

83. PROCESSED FOOD,TOBACCO STORAGE

831. Packaged foodstuff -----	0	0	0
832. Canned-bottled food-drink ----	0	0	0
833. Loose,bagged food-----	0	0	0
834. Food locker plant -----	0	0	0
835. Cold storage-----	0	0	0
838. Paakaged tobacco prod.-----	0	0	0

84. PETROLEUM PRODUCTS,ALCOHOLIC BEVERAGES

841. Flamm.-comb.liquid tank-----	0	0	0
842. Gasometer,cryogenic gas -----	2	0	0
843. LP gas plant -----	0	0	0
845. Packaged petroleum prod.-----	2	2	0
846. Alcoholic beverages -----	0	0	0

85. WOOD,PAPER PRODUCTS STORAGE

851. Lumber yard -----	1	1	0
852. Wood products -----	3	4	0
853. Roller paper -----	1	0	0
855. Paper products -----	4	4	0

86. CHEMICAL, PLASTIC PRODUCTS

FIRES-INSPECTIONS-VIOLATION

861. Industrial chemical -----	0	16	15
862. Hazardous chemical -----	2	8	6
863. Plastic-plastic prod.-----	0	0	0
864. Fertilizer -----	0	0	0
865. Paint, varnish -----	0	0	0
866. Drugs, cosmetics -----	0	0	0
867. Rubber-rubber prod. -----	0	0	0
868. Photo/film storage -----	0	0	0

87. METAL, METAL PRODUCTS STORAGE

871. Basic metal form -----	0	0	0
872. Metal parts-----	1	1	0
873. Hardware -----	0	0	0
874. Machinery -----	2	4	0
875. Elec.appliance supply -----	1	3	0
876. Finished metal prod. -----	1	1	0
877. Scrap.junk yard -----	19	22	2

88. VEHICLE STORAGE

881. Garage, residential -----	73	73	6
882. Garage, parking -----	29	32	3
883. Bus-car-truck fleet dealer -----	0	0	0
884. Heavy machine equip -----	0	0	0
885. Marinas.boat, ship -----	4	0	0
886. Aircraft hanger -----	1	1	0
887. Railway storage -----	1	1	0
888. Fire stations -----	0	0	0

89. GENERAL ITEM STORAGE

891. General warehouse-----	5	1	2
892. Bagged mineral prod-----	0	0	0
893. Packaged mineral prod -----	0	0	0
894. Freight terminal -----	0	0	0
895. Coal, coke, charcoal -----	0	0	0
897. Ice storage -----	0	0	0
898. Wharf, pier -----	0	0	0

80. STORAGE PROPERTY, UNCLASSIFIED

808. Tool shed -----	23	0	0
----------------------	----	---	---

9. SPECIAL PROPERTY

FIRES-INSPECTIONS-VIOLATIONS

91. CONSTRUCTION, UNOCCUPIED PROPERTY

911. Building under construction-----	5	0	0
912. Building under demolition-----	10	0	0
915. Vacant property -----	818	8,400	2,100
916. Contractor shed -----	0	0	0
917. Idle property (not vacant)-----	257	0	0
918. Building/under renovation -----	4	4	0

92. SPECIAL STRUCTURES

FIRES

921. Bridge trestle-----	15
922. Tunnel -----	0
924. Toll station -----	1
925. Shelter, bus, storm -----	0
926. Outbuilding -----	0
927. Telephone booth, outdoor -----	0

93. OUTDOOR PROPERTIES

931. Open land, field-----	212
932. Dump , landfill -----	4
933. Public mailbox -----	6
934. Cemetery -----	7
936. Vacant lot -----	561
930. Outdoor-Unclassified -----	767

94. WATER AREAS

942. Port, channel -----	3
946. Inland water area-----	0

95. RAILROAD PROPERTY

951. Railroad right of way-----	161
952. Switchyard -----	18
953. Siding -----	2

96. ROAD, PARKING PROPERTY

961. Divided highway-----	56
962. Paved public street -----	650
963. Paved private street-----	1
965. Open parking lot-----	17

97. AIRCRAFT AREAS

971. In flight -----	0
972. On runway -----	2
974. At loading ramp -----	0

FIRES -AREA OF ORIGIN

0. MEANS OF EGRESS

TOTAL

01. Hallway, corridor, mall -----	232
02. Exterior stairway, fire escape -----	10
03. Interior stairway, ramps -----	50
04. Escalator -----	0
05. Lobby, entrance way -----	29

1. ASSEMBLY, SALES AREA

11. Large area w/fixed seats (100 or more)-----	0
12. Large open room w-o fixed seats -----	0
13. Small area less than 100 -----	2
14. Lounge area, living room-den etc.-----	12
15. Sales, showroom, shop area -----	0
16. Library -----	1
17- Swimming pool -----	0

2. FUNCTION AREA

21. Sleeping room under 5-persons -----	57
22. Sleeping area for 5- or more persons -----	0
23. Dining area, lunchroom, cafeteria-----	2
24. Kitchen, cooking area -----	76
25. Lavatory, locker room, cloakroom-----	17
26. Laundry room -----	4
27. Office -----	3
28. Personal service area, health club etc.-----	0
31. Laboratory -----	0
32. Printing/photographic room -----	0
33. First aid treatment area -----	1
34. Operating, recovery room-----	0
35. Elect.equip.-data proc.area etc.-----	0
36. Performance, stage, dressing room area -----	0
37. Projection room -----	0
38. Process, manufact.workroom area -----	2

4. STORAGE AREA

41. Storage tank or bin -----	12
42. Closet -----	15
43. Supply storage room -----	10
44. Records storage room, vault -----	6
45. Shipping, receiving area -----	6
46. Trash, rubbish area, container -----	767
47. Garage, carport -----	1

(31)

5. SERVICE FACILITIES

TOTAL

51. Elevator, dumb-waiter -----	7
52. Utility shaft -----	0
53. Light shaft -----	6
54. Chute, laundry-mail -----	0
55. Duct, heat-air cond. -----	4
56. Display window -----	0
57. chimney -----	6
58. Conveyor -----	0

6. SERVICE, EQUIPMENT AREA

61. Machinery room -----	2
62. Heating equipment room -----	5
64. Incinerator room -----	3
65. Maintenance shop, welding, paint -----	0

7. STRUCTURAL AREA

71. Crawl space -----	0
72. Open porch -----	37
73. Concealed floor/ceiling space -----	8
74. Concealed ceiling/roof space -----	14
75. Concealed wall space -----	11
76. Exterior wall surface -----	9
77. Exterior roof surface -----	23
78. Awning -----	1

8. TRANSPORTATION, VEHICLE AREA

81. Passenger area -----	374
82. Trunk area -----	73
83. Engine area -----	425
84. Fuel tank, line area -----	6
85. Control area -----	0
86. Exterior area -----	35
89. Fully involved -----	295

9. OTHER AREA OF ORIGIN

91. On or near railroad right of way -----	161
92. On or near highway, street -----	650
93. Court, patio, terrace -----	0
94. Lawn, field, parks, vacant lot -----	212
95. Woods -----	0

FIRE -EQUIPMENT INVOLVED IN IGNITION

(32)

TOTAL

1. HEATING SYSTEMS

11. Central heating unit -----	7
12. Water heater -----	1
13. Wall furnace-unit heater -----	2
14. Indoor fireplace -----	0
15. Portable unit-space-salamander -----	7
16. Chimney, flue -----	8
17. Chimney connector-smoke pipe -----	2
18. Steam, heating pipes-ducts -----	0

2. COOKING EQUIPMENT

21. Fixed, stationary stove -----	473
22. Fixed, stationary oven-roasteries -----	1
23. Food warming-urns, steam tables -----	0
24. Deep fat fryer -----	4
25. Portable unit-hot plate, toaster etc. -----	2
26. Open fire grill, charcoal-barbeque -----	0
27. Grease hood, duct -----	1

3. AIR CONDITIONING, REFRIGERATION EQUIPMENT

31. General air-refrigeration -----	1
32. Water cooling device -----	0
33. Fixed local refrig. unit, freezer -----	0
34. Fixed local air cond. unit -----	1
35. Portable air cond./refrig. unit -----	1

4. ELECTRICAL DISTRIBUTION EQUIPMENT

41. Fixed wiring-power lines, cables -----	2
42. Transformer -----	3
43. Meter, meter box -----	0
44. Panelboards, fuses circuit breakers -----	0
45. Switch, receptacle, outlets -----	2
46. Light fixture, ballast, sign -----	17
47. Cord, plugs -----	2
48. Lamp, light bulb -----	0

(33)		TOTAL
5. APPLIANCES, EQUIPMENT		
51. Television, radio, tape recorder -----	4	
52. Dryer -----	14	
53. Washing machine -----	6	
54. Floor care equipment -----	1	
55. Separate motor, generator -----	16	
56. Hand tools, soldering irons-----	0	
57. Elec. blankets, steam irons-----	0	
58. Elec. razors, can openers -----	0	
59. Dishwashers -----	0	
6. SPECIAL EQUIPMENT		
61. Electronic-X-ray, computer -----	2	
62. Vending machine -----	0	
63. Office machine -----	2	
64. Biomedical equipment, device-----	0	
65. Separate pump, compressor -----	8	
66. Internal combustion engine -----	0	
67. Conveyor -----	0	
68. Printing press -----	0	
7. PROCESSING EQUIPMENT		
71. Furnace, oven, kiln -----	2	
72. Casting, molding equipment -----	2	
73. Heat treating equipment -----	3	
74. Shaping, sawing, grinding machines -----	0	
75. Coating, asphalt-rubber -----	1	
76. Painting, ---dipping, spraying -----	3	
77. Chemical process, digesters reactors -----	2	
78. Waste recovery equipment -----	0	
8. SERVICE, MAINTENANCE EQUIPMENT		
81. Incinerator -----	239	
82. Bearing, brake -----	0	
83. Rectifier, charger -----	0	
84. Tarpot, kettle -----	16	
85. Arc, oil lamp -----	0	
86. Elevator -----	7	
87. Torches, cutting, welding, plumbers -----	1	
9. OTHER OBJECT, EXPOSURE FIRE		
91. Separate removed exposure (50 or more ft)-----	0	
92. Separate detached (one to 50 ft) -----	0	
93. Separate adjoining (less than one foot) -----	0	
94. Attached protected exposure -----	0	
95. Attached unprotected -----	0	
96. Vehicle -----	0	

FORM OF HEAT OF IGNITION

TOTAL

1. HEAT FROM FUEL FIRED, FUEL POWERED OBJECT

11. Spark,ember,flame/gas fueled equip.-----	0
12. Heat from gas fueled equipment -----	0
13. Spark,ember,flame/liquid fueled equip -----	0
14. heat from liquid fueled equipment -----	0
15. Spark,ember,flame/solid fueled equip.-----	2
16. heat from solid fueled equipment -----	0

2. HEAT FROM ELECTRICAL EQUIPMENT ARCING,OVERLOAD

21. Water caused short circuit arc -----	0
22. Short circuit from mechanical damage -----	0
23. Short circuit from defective/worn insulation-----	1
24. Short circuit arc, unspecified -----	196
25. Arc from faulty contact/loose connection -----	0
26. Arc from switch -----	0
27. Heat from overloaded equipment -----	0
28. Fluorescent light ballast -----	0

3. HEAT FROM SMOKING MATERIAL

31. Cigarette -----	21
32. Cigar -----	0
33. Pipe -----	0

4. HEAT FROM OPEN FLAME, SPARK

41. Cutting torch operations-----	2
42. Welding torch operations-----	2
43. Torch,plumbers,blow,soldering -----	0
44. Candle,taper -----	0
45. Match -----	0
46. Lighter,flame type -----	0
47. Open fire ,camp,flares,rubbish -----	0
48. Backfirefrom internal combustion engine -----	0

5. HEAT FROM HOT OBJECT

	TOTAL
51. Heat, spark from friction-----	1
52. Molten, hot material -----	0
53. Hot ember, ash -----	0
54. Electrical lamp, bulbs-----	0
55. Rekindle, reignition -----	59
56. Heat from properly operated equip.-----	0
57. Heat from improperly operated equip.-----	0

6. 61. HEAT FROM EXPLOSIVES, FIRE WORKS

61. Explosives, bombs, ammunition-----	0
62. Blasting agent-----	0
63. Fireworks, sparklers -----	5
64. Paper caps, party poppers-----	0
65. Model rockets-----	0
66. Incendiary devices, molotov cocktail-----	0

7. HEAT FROM NATURAL SOURCE

71. Sun, s heat -----	0
72. Spontaneous ignition, chemical reaction-----	1
73. Lightning discharge -----	0
74. Static discharge -----	0

8. HEAT SPREADING FROM ANOTHER HOSTILE FIRE(exposure)

81. Heat from direct flame -----	0
82. Radiated heat -----	1
83. Heat from flying brand-----	1
84. Conducted heat-----	0

TYPE OF MATERIAL FIRST IGNITED

1. GAS	TOTAL
11. Natural gas -----	3
12. LP - city gas -----	3
13. Manufactured gas -----	0
14. LP. gas -----	2
15. Anesthetic gas -----	1
16. Acetylene gas -----	2
17. Specialty gas other than anesthetic-	0
2. FLAMMABLE, COMBUSTIBLE LIQUIDS	
21. Class 1A flammable liquid -----	0
22. Class 1B flammable liquid -----	0
23. Gasoline -----	14
24. Class 1c flammable liquid -----	0
25. Class 1l combustible liquid -----	10
26. Class 1llA combustible liquid -----	0
27. Class 1llB combustible liquid -----	0
3. VOLATILE SOLID, CHEMICAL	
31. Grease, fat (food) -----	9
32. Grease (non-food) -----	1
33. Polish, paraffin, wax -----	1
34. Adhesive, resin, tar -----	0
35. Applied paint, varnish -----	1
36. Combustible metal, magnesium -----	5
37. Solid chemical -----	0
38. Radioactive material -----	0
4. PLASTIC	
41. Polyurethane -----	2
42. Polystyrene -----	1
43. Polyvinyl -----	1
44. Polyacrylic -----	0
45. Polyester -----	0
46. Polyolefin -----	0

5. NATURAL PRODUCT

TOTAL

51. Rubber-----	14
52. Cork -----	0
53. Leather -----	3
54. Grass, leaves, hay, straw -----	214
55. Grain, feathers, flax, hemp -----	1
56. Coal, coke, briquettes -----	18
57. Food, starch -----	0
58. Tobacco -----	0

6. WOOD, PAPER

61. Groeing wood -----	31
62. Felled butunsaw wood-----	4
63. Sawed wood, finished lumber -----	64
64. Wood shavings, sawdust -----	7
65. Hardboard, plywood -----	1
66. Fiberboard, pressed wood products-----	0
67. paper, untreated, uncoated -----	27
68. Cardboard -----	18

7. FABRIC, TEXTILE, FUR

71. Man-made fiber, fabric -----	11
72. Cotton, rayon-----	0
73. Wool, wool mixture -----	0
74. Fur, silk -----	0
75. Wig -----	1
76. Human hair -----	0

8. MATERIAL, COMPOUND WITH OIL

81. Linoleum -----	1
82. Oil cloth-----	0
83. Treated or coated paper -----	0
84. Waterproof canvas -----	0
85. Oily rags -----	4
86. Asphalt treated material -----	2

FORM OF MATERIAL FIRST IGNITED (38)

TOTAL

1. STRUCTURAL COMPONENTS, FINISH

11. Exterior roof covering-----	19
12. Exterior sidewall covering -----	51
13. Exterior trim, door, porch -----	52
14. Floor covering, tile, carpet, rug-----	14
15. Interior wall covering -----	7
16. Ceiling covering, acousticle tile etc.-----	2
17. Structural member, framing -----	24
18. Thermal insulation within wall -----	2

2. FURNITURE

21. Upholstered sofa, chair -----	77
22. Non-upholstered chair, bench -----	2
23. Cabinetry, chests, bookcases-----	7
24. Ironing board -----	0
25. Appliance housing or casting -----	10

3. SOFT GOODS, WEARING APPAREL

31. Mattress, pillow -----	429
32. Bedding, blanket, sheet -----	7
33. Linen other than bedding -----	0
34. Wearing apparel not on person -----	13
35. Wearing apparel on a person -----	1
36. Curtains, blinds, drapery -----	1
37. Goods not made up, yarn goods -----	1
38. Luggage -----	0

4. ADORNMENT, RECREATIONAL MATERIAL

41. Christmas tree -----	1
42. Decoration for special events -----	0
43. Book -----	2
44. Magazine, newspaper, writing paper -----	4
45. Toy, games -----	0
46. Awning, canopy -----	3
47. Tarpaulin, tent-----	0

(39)

5. SUPPLIES, STOCK

	TOTAL
51. Box, carton, bag -----	16
52. Basket, barrel -----	5
53. Pallet, skid -----	8
54. Rope, cord, twine, yarn -----	2
55. Packing, wrapping material-----	0
56. Bale storage -----	4
57. Bulk storage -----	0
58. Cleaning supplies, brooms, brushes-----	15

6. POWER TRANSFER EQUIPMENT, FUEL

61. Electrical wire, cable insulation -----	44
62. Transformer -----	0
63. Conveyor belt, drive belt-----	0
64. Tire -----	36
65. Fuel -----	0

7. GENERAL FORM

71. Agricultural product -----	2
72. Fence, pole -----	9
73. Fertilizer -----	0
74. Growing form, brush, grass -----	659
75. Rubbish, trash, waste -----	0
76. Cooking materials-----	0
77. Sign -----	0

8. SPECIAL FORM

81. Dust, fiber, lint -----	3
82. Pyrotechnics, explosives -----	0
83. Atomized, vaporized liquid -----	0
84. Chips -----	2
85. Palletized material, stored -----	0
86. Gas or liquid from pipe or container -----	0
87. Rolled material, paper -----	2
88. Adhesive -----	0

IGNITION FACTOR

(40)

1. INCENDIARY

TOTALS

11. Incendiary, not during civil disturb.-----	1,795
12. Incendiary, during civil disturbance.-----	0

2. SUSPICIOUS

21. Suspicious, not during civil disturb.-----	N.A
22. Suspicious, during civil disturbance -----	"

3. MISUSE OF HEAT OF IGNITION

31. Abandoned, discarded, cigarettes etc. -----	21
32. Thawing-----	0
33. Falling asleep-----	3
34. Inadequate control of open fire -----	0
35. Cutting, welding too close to -----	13
36. Children with, child playing -----	9
37. Drug, alcohol stupor, impairment -----	4

4. MISUSE OF MATERIAL IGNITED

41. Fuel spilled, released accidentally -----	0
42. Improper container -----	0
43. Flammable liquid used to kindle fire -----	2
44. Washing part, refinishing, painting -----	0
45. Improper container -----	0
46. Combustible too close to heat -----	0
47. Improper storage -----	0
48. Children with, children playing -----	0

5. MECHANICAL FAILURE, MALFUNCTION

TOTAL

51. Part failure, leak, break-----	0
52. Automatic control failure, delayed ign.-----	333
53. Manual control failure-----	0
54. Short circuit -----	8
55. Other electrical failure -----	0
56. Lack of maintenance, worn out-----	0
57. Backfire (outside combustion chamber)-----	0

6. DESIGN, CONSTRUCTION, INSTALLATION DEFICIENCY

61. Design deficiency, catalytic converter-----	0
62. Construction deficiency -----	0
63. Installed too close to combustibles -----	3
64. Other installation deficiency -----	0
65. Property too close to (exposure fire)-----	0

7- OPERATIONAL DEFICIENCY

71. Collection, overturn, knockdown -----	0
72. Accidentally turned on-not turned off-----	1
73. Unattended-----	1
74. Overloaded-----	0
75. Spontaneous heating-----	0
76. Improper startup-shutdown procedure-----	0

8. NATURAL CONDITION

81. High wind-----	0
82. Earthquake-----	0
83. High water, including floods-----	0
84. Lightning -----	0

9. OTHER IGNITION FACTOR

91. Animal -----	0
92. Rekindle from previous fire -----	59
99. Other ignition factor not classified -----	0

BUREAU OF INVESTIGATION

(Arson Squad)

Annual Report for the Year 1981

submitted by

Deputy Chief James V. Raymond

The following is a report of the activities of the Arson Squad of the Newark Fire Department for the year 1981.

The complete records of all investigations conducted by the Arson Squad, including photographs, evidence, statements, etc., are on file in the Arson Squad office and will be made available to interested parties where needed for deposition, Grand Jury presentation, criminal prosecution, civil suit or for any purpose demanded by law.

Records of juvenile apprehensions, adult arrests, together with court disposition of these arrests, are on file in the Arson Squad office, and will be made available to the proper authorities on request.

The Arson Squad has maintained a daily association with other bureaus of municipal government, such as the Newark Police Department Youth Aid Bureau, Board of Education, Fire Prevention Bureau and the Department of Health and Welfare.

Throughout the past year, we have continued our liaison with the New Jersey State Police, Essex County Prosecutor's Office, Federal Bureau of Investigation, Alcohol Tobacco and Fire Arms, New Jersey Motor Vehicle Department, New Jersey Youth and Family Services. These agencies have given us important assistance in many of our investigations and we express our gratitude for this help.

The following is a list of other activities of the Arson Squad for 1981.

1. The Newark Arson Squad supplied two officers to instruct in the training of Fire/Arson at the Essex County Training Academy, Cedar Grove, New Jersey.
2. The Arson Squad supplied three members to conduct an investigation in cooperation with the Essex County Arson Task Force and the Montclair Police Department at a fatal fire.
3. The Newark Arson Squad supplied one officer in cooperation with the Essex County Arson Task Force in the investigation of the Paper Mill Playhouse fire in Millburn, N.J., as an expert witness and subsequently a conviction.
4. The Arson Squad sent three members to the Sea Girt Training Facility and one member to Burlington County Training Academy where they completed a 90--hour course given by the National Fire Academy on Fire/Arson Investigation.
5. One officer of the Arson Squad attended a course in Sea Girt given by the New Jersey State Police Arson Analyst.
6. The Arson Squad formed a division headed by a Battalion Chief to investigate all illegal disposal of chemical waste.
7. All members of the Arson Squad attended a course in fire arms and special police procedures, as well as completing a course on the Police Firing Range for the purpose of qualifying in the use of their weapons.

Bureau of Investigation (2)

8. All tours in the Arson Squad were supplied with on-the-scene tools for their field investigations.

9. The Arson Squad designated a Battalion Chief to handle Major Crimes Investigation.

10. The Arson Squad has trained 36 Interns (on the job training) from other municipalities with a 40-hour course.

11. The Arson Squad supplied one officer to lecture at the New Jersey State Advisory Committee on arson in Franklin Township, N. J.

12. The Arson Squad supplied one officer to lecture on Court Procedures and the use of photography in detecting arson, in Hightstown, New Jersey

11. The Newark Arson Squad supervision was upgraded by designating a Deputy Chief to command the Bureau of Investigation.

14. The Essex County Prosecutor's office has requested and received assistance from this division on several occasions. On those occasions, members of the Squad have appeared as expert witnesses for the Prosecutor against arsonists and members of organized crime.

14. At the request of Congressman Peter Rodino, two Battalion Chiefs from this unit testified before a Congressional Subcommittee on crime in Washington, D. C., on the proposed budget reductions in Federal Arson Programs.

I wish to take this opportunity to thank Director Caufield, Chief Kossup, and all the officers and members of the Newark Fire Department for the cooperation and assistance they have given to the Arson Squad in 1981.

oOo

Bureau of Investigation (3)

(Arson Squad)

MISCELLANEOUS STATISTICS

<u>False Alarms, Juveniles apprehended</u>	
(Referred to Youth Aid Bureau)	15
<u>Juveniles referred J.I.N.S.</u>	
(Juveniles in need of Supervision)	0
<u>Other than false alarms, Juveniles Apprehended</u>	
(Referred to Youth Aid Bureau)	48
<u>Juveniles referred to Youth & Family Services</u>	1
<u>Adult Arrests</u>	
Setting Fires	48
False Alarms	8
Outstanding Warrants (Traffic, Burglary, etc)	22
Others	33
Total Arrests	175
<u>Juveniles Reprimanded (Fires)</u>	27
<u>Juveniles Reprimanded (Signal 300)</u>	23
Total Reprimands	50
<u>Court Appearances</u>	106
<u>Court Hours (Man hours)</u>	404½
<u>Deaths at fires</u>	
Adult Males	10
Adult Females	5
Juvenile Males (Under 18 years)	7
Juvenile Females (Under 18 years)	4
Total Deaths	26
<u>Fires Investigated</u>	
Signal 100- 102	1977
Second Alarms	85
Third Alarms	25
Fourth Alarms	0
Signal 200	26
Total	2113
Arson (Incendiary)	1795
Accidental or Carelessness	152
Undetermined	143
Total	2090
Complaints (False Alarms Signal 300)	59
Complaints (Motor Vehicle Accidents)	17
Complaints (Others)	255
Complaints (Out of Town Investigations)	1
Total	332
Total Investigations	2445

BUREAU OF INVESTIGATION (4)

(ARSON SQUAD)

DEATHS BY FIRE 1981

<u>DATE</u>	<u>TIME</u>	<u>STATION</u>	<u>ADDRESS</u>	<u>SEX</u>	<u>AGE</u>	<u>CAUSE</u>
1/5	1815	Complaint	515 Mt Prospect Ave	M	81	A
1/11	0326	1429	87 So 13th St	M	5	U
1/17	0143	2415	60 Frelinghuysen Ave	F	20	I
1/17	0143	2415	60 Frelinghuysen Ave	F	4	I
2/2	2111	4589	75 Summit Ave	M	39	U
3/1	0046	1345	275 Fairmount Ave	M	3	A
4/3	0809	5337	60 Vincent St	F	30	U
4/3	0809	5337	60 Vincent St	F	7 Mos.	U
4/4	0253	1581	8 Monticello Ave	M	30	A
4/15	2126	3114	450 Broad St	M	30	I
4/15	2126	3114	450 Broad St	M	38	I
5/9	2352	3527	169 Verona Ave	M	26	A
5/9	2352	3527	169 Verona Ave	M	2	A
5/31	2133	1224	150 W Market St	M	36	I
6/8	0447	2421	175 1/2 Penn Ave	M	1	I
6/8	0447	2421	175 1/2 Penn Ave	M	2	I
6/8	0447	2421	175 1/2 Penn Ave	F	7	I
7/21	0143	2254	10 Elm St	M	40	I
7/31	2004	4219	68 Boyd St	F	59	A
10/29	2334	4434	713 So 15th St	M	18	U
12/24	0918	4414	11 Wainwright St	F	47	A
12/24	0918	4414	11 Wainwright St	F	23	A
12/24	0918	4414	11 Wainwright St	F	4	A
12/24	0918	4414	11 Wainwright St	M	1	A
12/24	0918	4414	11 Wainwright St	M	3	A
12/27	0407	1365	109 Littleton Ave	M	67	I

* Fire Fighter

A-Accidental

U-Undetermined

I-Incendiary

FIRE SIGNAL SYSTEM OPERATIONS

1981 ANNUAL REPORT

Albert S. Lasso, Chief

In compliance with the Rules and Regulations of the Newark Fire Department,
I hereby submit this annual report.

1. Alarms Transmitted	28,008
2. False Alarms Received	10,271
3. Box Tests Supervised	4,500
4. Tests From Private Fire Alarm Companies Supervised	3,000
5. Tests Conducted of Airport Fire Alarm Facilities	365
6. Telephone Calls Handled Over Centrex System (approx.)	600,000
7. Radio Calls Handled (approx.)	350,000
8. Number of Circuits Tested	80,000
9. Miscellaneous Reports Prepared and Distributed	9,300
10. Individuals and Agencies Dispatched to Multiple Alarms	3,800
11. Prepare and Distribute Daily Alarm Summary Reports	365
12. Prepare Orders for Purchase of Equipment and Materials necessary for this Division	
13. Verify Invoices and Bills Related to all Fire Department Telephones	
14. Supervise Installation of New Equipment within the Central Office	
15. Maintain a Chronological Log of Daily Operations throughout the year	
16. Other Job Operations (Booking, Janitorial Duties, etc.)	

1.Box Alarms Transmitted	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
A) Full Assignment Alarms	353	321	311	298	375	379	320	369	280	300	296	282	3884
B) Signal Eight Alarms (One engine, one Truck & Battalion Chief)	92	61	50	32	41	75	51	45	42	31	29	39	588
C) Signal Nine Alarms (Two Engines, One Truck & Battalion Chief)	933	869	1097	1059	1051	1239	1046	1020	906	1064	985	831	12100
Total of the foregoing	1378	1251	1458	1389	1467	1693	1417	1434	1228	1395	1310	1152	16572

2. One Unit Alarms Transmitted

A) Single Company (Fire, Emergencies, etc.)	871	795	997	1019	1135	1101	1009	903	851	873	1028	854	11436
--	-----	-----	-----	------	------	------	------	-----	-----	-----	------	-----	-------

3.GRAND TOTAL (Paragraphs #1)	2249	2046	2455	2408	2602	2794	2426	2337	2579	2268	2338	2006	22008
-------------------------------------	------	------	------	------	------	------	------	------	------	------	------	------	-------

4. Alarms recieved from: (By)

A) Fire Box	770	792	991	922	999	1185	1010	966	876	981	840	677	11009
B) Public telephone	495	394	401	398	399	430	349	407	291	363	411	418	4756
C) Central Station automatic systems	75	41	40	34	43	38	39	36	40	31	23	37	477
D) Police Department	17	12	9	11	14	11	8	9	10	8	15	11	135
E) Fire Dept. Radio Sys.	21	12	17	24	12	29	11	16	11	12	21	9	195
TOTAL of the foregoing	1378	1251	1458	1389	1467	1693	1417	1434	1228	1395	1310	1152	16572

5. MULTIPLE ALARMS

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	TOTAL
A) Second Alarms	11	4	2	11	12	7	7	9	5	6	3	8	85
B) Third Alarms	3	1	2	2	7	0	3	2	1	2	0	2	25
C) Fourth Alarms	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MULTIPLE ALARMS	14	5	4	13	19	7	10	11	6	8	3	10	110

6. ALARMS FROM FIRE BOXES

A) Total number of Fire Alarm Boxes pulled for incidents	847	872	1091	1014	1098	1303	1111	1062	953	1079	924	764	12098
B) Number of signals from Fire Boxes held because alarm had already been transmitted	77	80	100	92	99	118	101	96	87	98	84	67	1099

7. REPORTS FOR SAME FIRE RECEIVED THROUGH TWO UNRELATED MEDIUMS

A) Confirming alarm received from fire box after notice by phone	50	44	71	63	67	82	60	59	45	52	46	42	681
B) Confirming phone notice received after alarm from fire box	27	17	24	21	23	29	23	20	14	20	18	13	249
C) Alarm received thru more than one medium	1301	1190	1363	1305	1377	1582	1334	1355	1169	1323	1246	1097	15642
8. UNITS RELOCATED DURING EMERGENCIES	109	74	56	90	111	90	82	92	80	73	65	107	1053
9. TEKEGRAPH SIGNALS TRANSMITTED	10055	9107	10514	10242	11228	12150	10414	10492	8973	9961	9782	8635	121553
10. ENROUTE UNITS STOPPED BY RADIO AND RETURNED TO SERVICE	6063	5504	6415	6116	6454	7449	6234	6309	5404	6138	5764	5068	72918
11. NEWARK CO'S DISPATCHED TO ASSIST OTHER COMMUNITIES	2	5	4	6	2	0	0	5	3	10	4	14	55

- 3 -

Respectfully submitted,
Albert S. Lasso
 Albert S. Lasso, Chief
 Fire Signal System Operations

FIRE SIGNAL SYSTEM OPERATION
CONSTRUCTION & MAINTENANCE

Annual Report
For the Year 1981
submitted by
John Di Blasio, Acting Chief

The following is an account of this division's work performed during the twelve-month period of 1981, ending on December 31:

Subterranean ducts rodded, feet of	5,165
Pull wire installed in ducts, feet of	5,165
Subterranean cable installed, feet of conductor	185,275
Single conductor line installed, feet of	11,780
Aerial cable installed, feet of conductor	1,500
Twin ruraline wire installed, feet of conductor, "C"	12,875
Galvanized messenger installed, feet of	175
Subterranean cable removed, feet of conductor	80,175
Line wire removed, feet of	16,050
Fire alarm boxes installed, modified	103
Fire alarm boxes relocated	61
Fire alarm boxes to shop for service/modification	118
Fire alarm boxes inspected, tested and wound	4,648
Fire alarm boxes inspected and wound	1,619
Stanchions reset	22
Junction boxes replaced	14
Stanchions/junction boxes rehabilitated	93
Pole line construction released only	24
Pole line hardware replaced only	381
Pole transfers completed	125
Line wire protective coverings installed	6
Trees trimmed	214
Ground rods buried	7
Fire house batteries serviced, sets of	336
Field facility inspections, hours of	388
Training sessions, hours of	48
Housekeeping/vehicle maintenance, hours of	48
Major job operations completed	4,437
Minor job operations completed, and corrective functions	8,611
Pre-construction conferences and surveys for private fire alarm systems conducted	5
Central station maintenance, hours of	134

oOo

SPECIAL SERVICE AND SUPPLY COMPANY

Annual Report submitted by
Joseph L. Magnusson, Deputy Chief
for the year 1981

The Special Service Division operated on an around-the-clock basis through-out the year, and continued to provide the necessary services of supply and repair to all Fire Department units, and to provide for various services to other city departments and agencies and the community in general. These services are performed by our personnel, some of whom are assigned to tours, and some on a daytime basis only. Planned programs and policies were adhered to, and new programs and procedures have been formulated for the forthcoming year, in an attempt to achieve goals in a most expeditious manner. Accomplishments and services of various sections in this Division during the past year are as follows:

DELIVERY AND PICK-UP SERVICE: Deliveries and pick-ups were made on a morning, afternoon, and evening basis as per schedule, for routine items. Items of an emergency nature were handled immediately on a twenty-four hour a day basis. Items handled were things as housekeeping supplies, tools, equipment, extinguishers, oxygen and air cylinders, masks, furniture, lockers, rock salt, ladders, hose and other supplies and equipment that require storage and transportation.

Special Service personnel responded to multiple alarm fires and special calls with fuel for apparatus, air tanks, salvage covers, and when requested the Hi-Ex Foam Generator, smoke ejector and foam concentrates.

Special Service is also charged with the pick-up at fire scenes of salvage covers, and the maintenance of same, also the redistribution of these covers to fire companies throughout the Fire Department.

Special Service have responded on request to cordon off buildings deemed to be in dangerous condition, and posting these buildings indicating that a dangerous condition exists at the site.

Fire apparatus requiring repairs or adjustments were picked up and delivered to various locations. Replacements for these apparatus were delivered to the affected fire companies by Special Service personnel.

MESSENGER SERVICE: This service provided by Special Service personnel. The messenger carried out his prescribed duties daily, calling on headquarters as well as all Chiefs' quarters. He also performed other related duties.

Special Service and Supply (2)

MASK REPAIR DIVISION: The mask department was charged with the repair and maintenance of all type masks used by the Fire Department. During the past year, this department bench-checked (rebuilt to new condition), over 170 MSA Air Masks. Chemox and Scott masks were also maintained by these personnel. Air tanks were also repaired and maintained. Over 9,500 such tanks were filled during the past year. A new "rubber bumper", designed by Special Service personnel, was also installed over tank gauges, and were successful in cutting down damage to such gauges to a fraction of the damage prior to this innovation. During the forthcoming year, all MSA Air Masks will have undergone a complete rebuilding, and will be part of a steady ongoing program.

AIR PURIFICATION UNIT: An M&J Associates Air Purification system was installed during the past year, in conjunction with an Ingersoll Rand compressor, model H 15 T4x 20, 5,000 psi capacity. Our original Robbins Air System, with Ingersoll Rand compressor is now a back-up system. Used in tandem, this package is probably one of the best installations in the country. Over 9,500 air tanks were filled during the past year, with over 160 hours pumping time recorded during the past year. Provision to comply with Federal and State Health laws were made, air samples were lab tested monthly, throughout the year.

CANVAS SHOP: Canvas items such as mask box covers, chain saw sheaths, electrical generator covers, control pedestal covers for hook and ladder trucks, turret nozzle covers, hose bed covers, foam can covers, stretchers, tool kit bags, smoke ejector covers, mask facepiece holders, rope bags, etc., were made in this department, as well as maintenance of these items. Window shades for various firehouses were also repaired or fabricated in this department.

STOCK ROOM: All tools, equipment, devices and supplies, (except those ordered through Fire Headquarters and the Hose Shop), were ordered, received, checked, recorded, stored and distributed as needed to the fire units through the delivery service.

Auto and truck equipment were handled by this unit during the past calendar year.

Supply room personnel repaired porto-lites, and hand lights of other types, desk lamps, extension cords, K-12 Saws, generators, etc. They also made special belts and straps, tested salvage covers, and made the necessary arrangements with the carpenter shop to repair axe and hook handles. This unit also made the necessary arrangements for the construction and maintenance of such items as mask boxes, skid load panels, hose bed decking, apparatus windshields, and canopies, and whatever other needs of the Fire Department requiring the services of the carpenter shop. This department is also charged with the repair of such articles as portable pumps, explosimeters, and the maintenance of a supply of saw blades. The unit also coordinates the necessary building and maintenance of fire department buildings.

Special Service and Supply (3)

APPARATUS MAINTENANCE: All fire apparatus in service, and all spare apparatus were tested by this department in accordance with accepted procedures. Apparatus were maintained and repaired by this division in conjunction with the Bureau of Motors. Arrangements for work with outside mechanics were made when necessary. The scheduling and maintenance of records of the Preventive Maintenance Program were kept by this unit.

Specifications for the purchase of new apparatus were also drawn up by this department in conjunction with the Chief of the Department. This activity and the acceptance of new vehicles often required meetings with the agents and representatives of manufacturers concerning acceptance tests, malfunctions, deviations from specifications, etc.

This unit approved several drivers and tillermen, visited a number of fire houses to conduct on-site drills, and to explain the operation and maintenance of fire apparatus.

HOSE SHOP: The Hose Shop kept all fire companies properly supplied with hose and fittings. All hose in service was tested, and defective and over-aged hose was repaired when possible, as were damaged nozzles, valves, adapters, hose fittings, brackets, and other miscellaneous equipment.

Using Oxy-Acetylene welding equipment, many apparatus and equipment parts were repaired, and with this equipment added to the general maintenance capability of the shop.

GENERAL: Various size metal ladders were received, stored and placed in service when necessary. All metal ladders on all apparatus are now maintained and repaired by Special Service personnel.

The program for inventory and test control of gas pressure cylinders in use in the department continued throughout the year. These cylinders include air tanks, oxygen tanks, CO₂ tanks, dry powder and dry chemical extinguisher tanks, air pressure and water extinguishers and kero-test cylinders. All cylinders are tested every five years, on a continuing basis from the date of manufacture.

Special Service is also charged with the scheduling of all building repairs, to the Fire Department buildings. This unit also endeavors to work closely on this subject with personnel from the Bureau of Construction. Maintenance of a file system, recording building complaints and disposition of same is also kept by this unit.

Special Service and Supply (4)

Community assistance activities included the following during the past year:

Pumping out cellars and basements and community owned swimming pools.

Provided and operated portable electric generators, lamps, cables, at emergency situations, and routinely on request.

Provided extinguishers for protection at various functions, and for demonstration purposes.

Each sub-division of Special Service maintained records and file systems; submitted various required reports consistent with duties, and activities; engaged in necessary clerical work consistent with objectives, correspondence and telephone communications essential to operations; and performed the housekeeping duties necessary to maintain quarters in a clean and presentable condition.

oOo

SPECIAL SERVICE & SUPPLY

APPARATUS REPORT
SUBMITTED BY
DANIEL J. TAURIELLO
SUPV. OF APPARATUS

In compliance with rules and regulations, the following report is submitted outlining the activities of the Apparatus Division for the year 1981:

There are 91 units in the Fire Department:

Assigned to companies there are 22 engines and 7 spares, 10 aerial trucks and 4 spares, 1 at Rescue Squad, 1 fire boat. The remaining units are assigned to chiefs, the Training Center, Special Service, Arson Squad, Fire Prevention Division, Bureau of Combustibles, and Community Relations.

During the year 1981, five new pumpers were put into service and three aerial trucks were assigned to the following companies:

Engine Companies 6, 7, 10, 11, and 17 (pumpers)

Truck Companies 1, 10 and 12 (aerial trucks)

Oil and filter changes were made periodically, lubrication and preventive maintenance work was made when necessary.

Four engines were taken out of service; also, one aerial truck and five staff cars.

In an attempt to keep up with our apparatus replacement program, two engines and one aerial truck will be ordered for 1982.

A recommendation has been made to replace all staff cars that are five years old or older.

With the aid of Special Service and Training Center personnel, change-over of apparatus was made when necessary.

oOo

SPECIAL SERVICE AND SUPPLY COMPANY

HOSE DIVISION

Annual Report for 1981
submitted by
F/F Joseph Stock

The following report indicates the amount of fire hose in service, hose in reserve and used hose on hand. Also included is the amount of brass work done as of December 31, 1981.

	<u>HOSE INVENTORY</u>	<u>Total Available</u>
4½" In service with companies	25 - 15 ft. lengths	375 ft.
4½" In reserve (new hose)	1 - 15 ft. lengths	15 ft.
4½" In reserve (used hose)	5 - 15 ft. lengths	75 ft.
	<u>31 - 15 ft. lengths</u>	<u>465 ft.</u>
3" In service with companies	317 - 50 ft. lengths	15,850 ft.
3" In service with companies	Various lengths	2,400 ft.
3" In reserve (new poly hose)	51 - 50 ft. lengths	2,550 ft.
3" In reserve (used poly hose)	5 - 50 ft. lengths	250 ft.
	<u>373 - 50 ft. lengths</u>	<u>21,050 ft.</u>
2½" In service with companies	360 - 50 ft. lengths	18,000 ft.
2½" In reserve (new poly hose)	77 - 50 ft. lengths	3,850 ft.
2½" In reserve (used poly hose)	170 - 50 ft. lengths	8,500 ft.
	<u>607 - 50 ft. lengths</u>	<u>30,350 ft.</u>
1 3/4" In service with companies	192 - 50 ft. lengths	9,600 ft.
1 3/4" In reserve (new poly hose)	70 - 50 ft. lengths	3,500 ft.
1 3/4" In reserve (used poly hose)	8 - 50 ft. lengths	400 ft.
	<u>270 - 50 ft. lengths</u>	<u>13,500 ft.</u>
1" Booster in service with companies	72 - 50 ft. lengths	3,600 ft.
1" Booster in reserve	13 - 50 ft. lengths	650 ft.
3/4" Booster in service with companies	120 - 50 ft. lengths	6,000 ft.
3/4" Booster in reserve	22 - 50 ft. lengths	1,100 ft.
	<u>227 - 50 ft. lengths</u>	<u>11,350 ft.</u>

Special Service & Supply Company

Hose Division (2)

New Hose Issued

4 $\frac{1}{2}$ " - 100% Poly	9 lengths - 15 ft.	135 ft.
3" - 100% Poly	49 lengths - 50 ft.	2,450 ft.
2 $\frac{1}{2}$ " - 100% Poly	52 lengths - 50 ft.	2,600 ft.
1 $\frac{3}{4}$ " - 100% Poly	116 lengths - 50 ft.	5,800 ft.
1 $\frac{1}{2}$ " - 100% Poly	12 lengths - 50 ft.	600 ft.
1" Booster	1 length - 50 ft.	50 ft.
3/4" Booster	9 lengths - 50 ft.	450 ft.
	<u>248 lengths - Assorted</u>	<u>11,935 ft.</u>

New Hose Received

4 $\frac{1}{2}$ " - Soft Suction (15 ft. lengths)	10 - 15 ft. lengths	150 ft.
2 $\frac{1}{2}$ " - 100% Poly Hose	75 - 50 ft. lengths	3,750 ft.
1 $\frac{3}{4}$ " - 100% Poly Hose	140 - 50 ft. lengths	7,000 ft.
1" - Booster	10 - 50 ft. lengths	500 ft.
3/4" Booster	20 - 50 ft. lengths	1,000 ft.
	<u>255 - Assorted lengths</u>	<u>12,400 ft.</u>

Hose Repaired

4 $\frac{1}{2}$ " - Soft Suction	20 - 15 ft. lengths	300 ft.
3" - 100% Poly Hose	36 - 50 ft. lengths	1,800 ft.
2 $\frac{1}{2}$ " - 100% Poly Hose	42 - 50 ft. lengths	2,100 ft.
1 $\frac{3}{4}$ " - 100% Poly Hose	54 - 50 ft. lengths	2,700 ft.
1 $\frac{1}{2}$ " - Poly Hose	22 - 50 ft. lengths	1,100 ft.
Booster Hose	21 - 50 ft. lengths	1,050 ft.
	<u>195 - Assorted lengths</u>	<u>9,050 ft.</u>

Hose Tested

3" Hose Tested	342 lengths	17,100 ft.
3" and 2 $\frac{1}{2}$ " Tested Various lengths		4,000 ft.
2 $\frac{1}{2}$ " Hose Tested	333 lengths	16,650 ft.
1 $\frac{3}{4}$ " Hose Tested	206 lengths	10,300 ft.
1 $\frac{1}{2}$ " Hose Tested	208 lengths	10,400 ft.
3/4" and 1" Booster Hose Tested	<u>120 lengths</u>	<u>6,000 ft.</u>
Tested (Total)	1,209 lengths	64,450 ft.

Total number of valves, adapters, nozzles, equipment and miscellaneous articles repaired or installed during the year 1981 - 470.

Special Service and Supply (5)

Performance Report - 1981

Number of alarms answered	594
Number of pick-ups and deliveries made	19,478
Gasoline distributed at fires	935 gals.
Motor oil distributed at fires	37 gals.
Diesel oil distributed at fires	350 gals.
Electric generator used	33
Floodlight cable used	26
Number of lights used	37
Window shades	115
Cellars pumped out	166
Hours spent pumping out cellars	486
Porto-lites repaired	923
Porto-lites batteries distributed to companies	1,050
Liquid foam distributed to companies	1,040 gals.
Oxygen cylinders refilled	384
Scott, MSA, Survivair air cylinders refilled	14,393
15 lb. C.O. ² extinguishers refilled	636
Masks repaired	2,457
Canvas covers for bags, boxes, deck, etc., and repair	210
Air tanks repaired	545
Dri-powder extinguisher refilled	111
Smoke ejector on special call	7
Hi-Ex Expansion foam unit on special call	6
Ladders repaired	249 ft.
Movement of apparatus	224
Salvage covers picked up	209
K-12 saws repaired	318
Metal hooks repaired & assembled	283
Generator repairs	112
Salvage covers delivered	152

TRAINING DIVISION

Annual Report for 1981
submitted by
Alfred Freda, Deputy Chief

The Division of Training is responsible for all phases of Fire Department training. This responsibility includes training of recruit firefighters, in-service fire service personnel and industrial fire brigades. The realization of these responsibilities is accomplished through course material presented at the Battalion and Company level. The training goals and objectives established by this command are compatible with the behavioral objectives established by the National Fire Protection Association Standard 1001 and programs of instruction postulated by the International Fire Service Training Association.

The following major training programs were completed under the direct supervision of Training Division Personnel:

MAJOR TRAINING PROGRAMS

Crash Injury Management (on-going)
Probationary Firefighter Training .. 5/11 - 6/12
Closed Containers and Fires 1/5 - 1/14
Polymers and Fires 1/15 - 3/4
Vehicle Fires 1/23 - 4/21
New Supervisors & Chief Officers ... 2/4 - 4/13
Coordinated Fire Attack 3/19 - 4/22
P.A.T.L. R/R Safety 6/23 - 7/6
Driver Training Port Authority 5/18 - 6/24
Aerial and Ground Ladders 11/16 - 12/27
Probationary Firefighting Training
for Millburn, Kearny, East Orange,
Lyons and Veterans Administration. 1/21 - 7/5
Defensive Driving (U.M.D.N.J.) 10/7 - 10/28

SPECIALIZED TRAINING

People's Express Airline	Western Electric Company
Englehard Security Force	AROL Chemical Company
Family Services	Pitt Consul Chemical Company
New Jersey Welfare	St. Michael's Hospital
U.M.D.N.J.	Gateway II
Health Care, Inc.	
Military Park (ext.)	
City Hall (ext.)	
Hallmark House	

TRAINING DIVISION (2)

SPECIALIZED TRAINING (cont'd)

C.P.R.

223 Broadway
32 Green Street
243 Woodside Avenue
City Hall
Military Park
North Ward Center
Port Authority

Demonstrations of:

Rappelling and Elevated Rescue (State Police)
Fire Out
Jaws of Life
Vehicle Extrication
Water Gel Blanket

A very important aspect of this Division's responsibility is the training of industrial fire brigades and security forces of other government agencies. Training in first aide firefighting and related subjects was offered to the following agencies:

Coastal Oil	Essex County Jail
Bell Laboratories	Gateway I and II
Public Service Electric & Gas Co.	Western Electric Company
Federal Bureau of Investigations	Newark Sanitation Department
Dupont Company	St. James Hospital
State Police	Greater Newark, Industrial Council
Water Department, Newark	Newark Museum
Kremetz	U.M.D.N.J.

The Training Division Staff initiated a new and inovatative training program under the Chief of the Fire Department's direction. The Singer Caramate rear screen slide projector will be distributed to all fire companies. Using the expertise available from the Training Division, the line personnel will be directly involved in making Fire Prevention and public interest and/or information slide presentations, that they will show to the general public and/or specified groups on pre-determined appointment schedules. The Fire Department will receive national recognition for this unique training program, when the Singer Company publishes this idea in their national publication.

The fire companies' testing and awards program that was established has instilled pride and competitiveness among the line companies. It has also helped those interested in seeking promotions.

TRAINING DIVISION (3)

The Video Team, used up to this time, mostly for training purposes, will offer their services and expertise to the Arson Squad, Fire Prevention Bureau, and Special Services. A report will be issued under separate cover.

The Commanding Officer of the Division continued to serve as the chairman of the Fire Accident Prevention Board and as a member of the city-wide Accident Review Board under Mr. Thomas Banker. In line with these responsibilities, Safety Tip Bulletins were issued periodically to all units within the department regarding safe driving practices. A summary of the activities of the Accident Prevention Board have been submitted under separate cover.

The Safety-Water Officer has worked closely with the Water Department in getting out-of-service hydrants identified and placed back in service. He also conducted monthly safety meetings and investigated on-the-job accidents.

The Commanding Officer and Staff of the Training Division, wish to extend their thanks and gratitude to Director John P. Caufield and Fire Chief Stanley J. Kossup for their progressive leadership and wholehearted support. Without this enthusiastic leadership, it would have been impossible to achieve our objectives.

oOo

ACCIDENT PREVENTION COMMITTEE

Annual Report for 1981
submitted by
Battalion Chief Fred Boehringer

In the year 1981, the Fire Department experienced 53 accidents and 8 incidents. This is an increase of 27 accidents and 1 incident, compared to 1980.

All accidents and incidents were reviewed by the decentralized review board. Drivers involved in preventable, or preventable with an explanation accidents, received additional training by Battalion Chief Daniel Tauriello. Five of these accidents were referred to the City-wide review board. The city review board will not hear any cases where there is a claim against the city; this action, more or less, reduced our hearings before this board.

The most common type of accident was backing into objects or other vehicles. The Newark Fire Department Training Academy instructed all department members in defensive driving, and tested all members in visual acuity and reaction time. Any member of the department failing to meet minimum standards was immediately suspended from driving until the condition was corrected.

oOo

APPARATUS DIVISION (TRAINING)

Annual Report for the year 1981
submitted by
Daniel J. Tauriello
Supervisor of Apparatus (Training)

The following duties were performed by the Supervisor of Apparatus in the Training Division during the year 1981:

1. Coordinated work between the repair shop and the Fire Department.
2. Service tested all pumpers.
3. Inspected all aerial ladders and ground ladders on apparatus.
4. Certified all department drivers.
5. Instructed and certified pump and aerial operators on apparatus.
6. Arranged for the change-over of apparatus.
7. Kept records of all repair work on fire department vehicles.
8. Evaluated the repair work done by outside shops on fire department equipment.
9. Visited fire companies and lectured on fire ground hydraulics, safe driver practices and care of fire apparatus and fire equipment.
10. Performed various duties assigned to me by the Fire Chief, the Fire Director, and the Chief of the Training Division.

oOo

TRAINING DIVISION

Annual Report for 1981 submitted by
Battalion Chief Fred Boehringer
Safety Officer

Listed below are activities performed by the Safety Officer during the year 1981:

1. Assisted in training of Fire Companies at the Training Center.
2. Attended safety meetings with safety members and the Fire Chief.
3. Lectured private industry on high rise fires.
4. Attended weekly meetings with Chief Pierce to evaluate training programs and safety measures.
5. Attended accident revue board meetings, both department-wide and city-wide.
6. Ordered and distributed first aid supplies to field companies.
7. Arranged first aid and extinguisher demonstrations to various civic organizations.
8. Served as Executive Officer of the Training Academy.
9. Performed any other duties requested by Fire Chief Kossup, and Deputy Chief Pierce, commandant of the Training Division.
10. Investigated field accidents and safety problems.

oOo

TRAINING DIVISION

Annual Report for 1981 submitted by
Battalion Chief Fred Boehringer
Water Officer

The past year is behind us and hopefully some of our water and hydrant problems will be solved or at least reduced. Our water supply in our reservoirs was depleted to 24% of capacity in February and restored to 89% in May. The public acted well in this emergency, especially in refraining from hydrant vandalism during the summer months.

We were able to locate 147 wells in the city which could be used, if needed, for a drafting source.

In general, hydrant repairs were made promptly, especially in view of the fact that the Water Department work crews have been reduced in number.

There are approximately 125 hydrants out of service at this time, as compared to over 200 last year at this time.

The purchase of hydrant wrenches and hydro-compressor caps has been budgeted for; they are in the process of being made up for us. This officer hopes to go to the manufacturing plant in New York to inspect their process. We have taken off all hydro shield caps that were put on as an experimental basis.

During the year 1981, I either performed or assisted in the following activities:

1. Processed approximately 10,500 hydrant repair cards.
2. Responded to multiple alarms of fire between the hours of 0800-1600.
3. Attended 60 meetings with Mr. F. Volante, Superintendent of the Water Department, the Fire Chief and the Fire Director to discuss hydrant problems.
4. Investigated and followed up complaints dealing with hydrants.
5. Acted as liaison officer between the Fire Department and the Water Department through verbal and written reports.
6. Conducted water flow tests in conjunction with the Water Department.
7. Spot checked hydrant repairs.
8. Discussed various types of hydrant caps to protect against vandalism, with sales representatives.
9. Assisted in training of department members.
10. Trained industrial fire brigades.
11. Held weekly meetings with Deputy Chief Pierce, discussing training problems.

oOo

TRAINING DIVISION

Audio Visual Annual Report
Battalion Chief Fred Boehringer

Since the inception of the new Audio Visual Department of the Training Division in October 1981, better training methods are developing. With the use of videotape and the firefighters' television sets, they can now begin to view training tapes in the convenience of their own firehouses.

The following training programs were completed under the direct supervision of the Training Division personnel:

Companies reviewing the response of the Video Unit to signal 11's and multiple alarms.

Company drills on ladder raises.

Viewing of the tape "Danger - Explosives".

Viewing of the film "America Burning".

The Video Unit was offered for specialized training to specific groups:

Western Electric -- Gateway II fire drills.

Akron Brass Company -- portable hydrants.

Bayonne Fire Department -- fire prevention.

TRL -- Wet-Gel Blanket.

C.M.D.N. J. -- EMT disaster drills.

The following is a list of projects that have just been completed, or are in the final stages, anticipating their approval so that they may be distributed to our firefighters and to the people of the city:

Training tape -- "Danger - Explosives".

35mm slides in conjunction with Conrail for a railroad safety slide presentation.

35mm slides for a presentation on the "K-12 saw".

35mm slides for presentation on the "Survivair Masks", in conjunction with the personnel from Special Service.

35 mm slides for presentation on "Fire Prevention in the home".

Looking ahead to the upcoming year, we hope to extend the value of the Video Unit to work not only in connection with programs from the Training Center. We wish to extend our availability for use to the Arson Squad, the Bureau of Combustibles and also to the Fire Prevention Division. We would also like to extend our availability to the fire companies, as they begin to put together training programs on 35mm slides. These programs will then be made available to other fire companies to view at their own stations with the "Caramate" slide projectors they will be receiving.

Training Division
Audio Visual Report - (2)

With the advent of the Audio Visual Unit, it has become increasingly important to keep it in operation, because we are able to operate a viable training program with a minimum number of personnel.

With the forecast of economic problems that will occur, we hope to expand our services to allow the Training Center to meet its objectives. The electronic capabilities will enhance our efficiency by keeping a minimum of highly trained personnel on hand.

We wish to extend our thanks to Director John P. Caufield and to Fire Chief Stanley J. Kossup for their support in this new department of the Training Center. Without their support it would have been impossible to achieve our goals.

oOo

TRAINING DIVISION PERFORMANCE REPORT

<u>ACADEMY TRAINING</u>	<u>SESSIONS</u>	<u>HRS. OF INSTRUC.</u>	<u>ATTENDANCE</u>	<u>MAN HOURS</u>
Recruit Fire Training	36	212	36	7209
Fire Brigades	14	57	378	1624
Company Refresher	344	1032	1392	5568
Officer Refresher	16	38	18	84
Total	<u>410</u>	<u>1339</u>	<u>1824</u>	<u>14,485</u>

SPECIAL TRAINING

Prev. Maintenance	81	116	360	658
Driver Training	64	94	220	480
Apparatus Service Test	14	40	72	260
Pump Operations	35	35	168	210
Aerial Ladder	27	27	140	172
Drafting Water	-	-	-	-
Care of Apparatus	32	32	134	166
Misc. Training	<u>--</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	253	344	1094	1946

FIELD TRAINING

Drills in Quarters	9736	Hours of Instruction -	19,625
Drills out of Quarters	<u>5301</u>	Man Hours	<u>68,275</u>
Total Drills	15,037		

<u>DEMONSTRATIONS</u>	<u>No. Held</u>	<u>Attendance</u>
Table Top	---	---
Fire Prevention	4	280
Extinguisher	22	724
Other	---	---
Total	<u>26</u>	<u>1004</u>

<u>FILMS</u>		<u>Attendance</u>
Shown at Academy	406	5040
Loaned out	<u>160</u>	<u>4150</u>
Total	566	9190

WATER OFFICER ACTIVITIES

No. of Hydrant Repairs Processed	1096
No. of Conferences Attended	65

oOo

PLANNING & RESEARCH DIVISION

Annual report submitted by
John J. Valent, Battalion Chief
for 1981

During 1981, the Planning & Research Division provided Staff assistance as directed by the Director and Fire Chief. Assistance was also provided to other agencies when requested.

Areas of activity included, but were not limited to, the following:

CAPITAL BUDGET PREPARATION AND MONITORING

1977 Capital Budget

All projects scheduled were finalized.

1979 Capital Budget

1. Apparatus Replacement

a) Five (5) Maxim Pumpers (1000GPM) scheduled for delivery in February through April were never delivered due to financial problems within Maxim Industries, Inc.

Contracts were rebid and awarded and five (5) Continental (1250GPM) pumpers were delivered and are now in service.

b) Three (3) 100 ft. Seagrave rear-mount aerial ladders were delivered during November and are also currently in service.

2. Construction of Butler Building for relocation of Special Service & Supply to land adjacent to 17-19 Prince Street. The Engineering Department is currently planning this project.

3. Reconstruction of interiors at:

a) 197-199 Summer Ave.

Work nearing completion.

b) 84-86 Clinton Place

Contract has been awarded and work is in progress.

1980 CAPITAL BUDGET REQUEST (AS REVISED BY CAPITAL IMPROVEMENTS COMM.)

1. Apparatus Replacement

a) One (1) 100 ft. aerial ladder truck.

b) Two (2) 1000 GPM pumpers

2. Reconstruction of interiors.

a) 241-243 High Street

b) 1028-1030 Bergen Street

c) 269-271 Park Avenue

d) 69-71 Vesey Street

1981 CAPITAL BUDGET REQUEST (AS REVISED BY CAPITAL IMPROVEMENT COMM.)

1. Fire signal system alarm modernization.

Planning (2)

1981 CAPITAL BUDGET REQUEST: (continued)

- a) Digital coder and display, to replace mechanical registers.
- 2. Fire Training equipment
 - a) Tactics training simulator for training division
- 3. Firefighting equipment
 - a) Relay supply hose

1982 CAPITAL BUDGET REQUEST - SUBMITTED

- 1. Apparatus replacement
 - a) One (1) 100 ft. aerial ladder truck
 - b) Three (3) 1000 GPM pumpers equipped with Tele-Sqrts
- 2. Reconstruction of interiors
 - a) 526-528 Frelinghuysen Avenue
 - b) 469-473 Ferry Street
 - c) 691-701 North 6th Street
- 3. Communications Equipment
 - a) Replace out-dated portable radios
- 4. Fire Headquarters
 - a) Install fire & burglar alarm system

SICK LEAVE AND INJURY REPORTING SYSTEM

Sick and injury leave reports are monitored and coded daily; reports pertaining to sick and injury leaves are presented to the Director and the Fire Chief, weekly.

MONITORING OF ON-DUTY MANPOWER

Daily roll call records are maintained for all companies. Manpower projections are determined for vacation periods and emergencies, along with overtime needs to ensure adequate manpower.

SCHOOLS, CONVENTIONS, SEMINARS

A file and schedule of all upcoming fire service educational events are maintained; arrangements for travel, registration and expenses are handled through this division.

FUEL CONSERVATION (Motor Vehicles)

All motor vehicle fuel consumptions within the Department are monitored and monthly consumption reports are submitted to the Director and the Fire Chief.

AFFIRMATIVE ACTION - EQUAL EMPLOYMENT OPPORTUNITY

This division submits quarterly reports to the Human Rights Commission concerning all Department activities in the following areas: appointments, promotions, retirements, demotions and resignations. Additionally, annual reports of all employment activities and salary listings, from 1 July to 30 June, are forwarded to the Human Rights Commission.

Planning - (3)

HARASSMENTS AND ASSAULTS

Of the 30 incidents reported, three (3) injuries required medical treatment and five (5) resulted in damage to Fire Department apparatus. The other incidents ranged from stolen Fire Department equipment and personal belongings to verbal harassment.

This Division performs many additional functions as directed by the Director and the Fire Chief, and in addition, responds to requests from other inter-departmental and intra-departmental agencies. Reasonable requests from other organizations are acted on according to priority and availability of time.

oOo

COMMUNITY RELATIONS DIVISION AND CIVIL DEFENSE

Annual Report for the year 1981
submitted by
Robert F. Marron, Deputy Chief

During the year 1981, the Fire Department Community Relations Division, (Headquarters 20) in conjunction with other agencies which make up a loosely knit committee, was called on numerous occasions for assistance in providing help for the victims of fire and other disasters. This division maintained contact on a regular basis with the Red Cross, Essex County Welfare, and the Office of Emergency Preparedness, to assist the victims in obtaining the necessities of life. These services are rendered twenty-four hours a day and every day of the year. Headquarters 20 has concentrated on and has continued to build rapport between the Fire Department and the members of the community.

The Christmas Toy Drive of 1981 was of particular interest this year because of the great number of volunteers that partook in the event. The majority who donated their time were Fire Department personnel both active and retired, followed in number by auxiliary firefighters and the concerned associates outside of the department who assisted Headquarters 20, helped to make it a very successful drive. The quantity of toys collected this past year was about equal to 1980 but the quality of the toys was superior. Toys were picked up, sorted, and distributed to various groups and agencies who took care of needy families. Every attempt was made to reach those who were the neediest.

Director John P. Caufield has continued his policy of having the Community Relations Division support and assist charitable agencies in performing their duties to the public. The members of Community Relations assisted in charity drives by helping with logistical matters, assisting with volunteers and providing security. The Community Relations Division participated in helping to set up a picnic for the retarded children at John F. Kennedy school.

The Community Relations Division has continued to speak to individuals and groups wherever and whenever possible about fire safety. Smoke detectors has been a priority item and will continue to be so in 1982. Captain Evelyn took on a special project working with deaf mutes and hearing impaired individuals in the first six months of 1981. By learning sign language, he could give the entire fire message on smoke detectors. Director Caufield has expressed his concern of fire safety for the handicapped and through his efforts a special program for the Audio-Handicapped was kicked off with a whistle and flashlight presented to each student in Bruce Street School. Community Relations Division has one of its members representing the Fire Department on the Mayor's Committee for the Handicapped.

COMMUNITY RELATIONS DIVISION AND CIVIL DEFENSE (2)

The Fire Department Community Relations members participated in Career Days sponsored by schools throughout the City of Newark. These Career Days range from the sixth grade level through the senior high school level.

The International Youth Organization has afforded the Community Relations Division an opportunity to work closely with many people in the Central Ward. James Wallace, Community Relations Specialist, has been very successful in bringing youths from all over the city to compete against each other in a variety of athletic events.

The hydrant problems that persisted every summer were greatly relieved in 1981 because of the prolonged drought of the past two years and because of the the community response to the severe water crisis caused by the vandalized water conduits that feed water to the city. The cooperation of the populace in conserving water was commendable and because of the cooperation, the city was able to meet the crisis head-on and diverted a disaster of serious proportions.

DATA PROCESSING UNIT

Annual Report for 1981
submitted by
Gerrit L. deVries
Data Processing Coordinator

The Data Processing Unit of the Planning and Research Division has completed various computer applications, which include making the following printouts for Department use:

1. List of inspections and updating conditions of hydrants in the city.
2. Overtime reports on weekly basis.
3. Personnel listings and history as needed.
4. Sick reports on all employees.
5. Compensation claims on file.
6. Monthly vacant building reports.
7. Developed printout of issued permits.

Members of the Data Processing Unit have performed all the activities and duties as required by the Director and the Fire Chief of the Fire Department.

oOo

PHOTOGRAPHY DIVISION

Annual Report submitted by
Fireman Lawrence Krieger
for the year 1981

The Annual Report for the year 1981, listing activities of the Photography Division, is herewith respectfully submitted:

Signal 100 - Arson or Suspected	20
Signal 200 - Death at fire	13
Public Relations (includes appointments, promotions, demonstrations, etc.)	45
Special Assignments	97
Negatives made	2,608
Prints made	3,282
Color prints, slides made	164
Assignments	175

oOo

PUBLIC RELATIONS DIVISION

Annual Report for the year 1981
submitted by
Lonnie Tucker

The following report is herewith respectfully submitted outlining activities of the Fire Department's Public Relations Division for the year 1981.

Our division has continued to keep the public informed of various events in fire prevention through the use of radio, television, newspapers, and weekly reports within the communities.

The message of fire prevention and the Fire Director's Smoke Detector plan has been brought to the attention of other agencies who now will join the Fire Department in its efforts to bring fire prevention knowledge to the people.

In the year 1981, the Public Relations Division worked with other city, state and federal agencies which provided assistance to fire victims.

As the liaison man in the Fire Department I responded to fires as requested, and carried out other assignments as needed.

The Public Relations Division is in charge of issuing information in the form of releases to the news media upon request.

I wish to extend my most sincere thanks to the officers and members of the Fire Department for their cooperation throughout the year.

oOo

MEDICAL DIVISION

Annual Report for 1981
submitted by
Morris Halper, M.D.

Acting Fire Department Surgeon

In compliance with the Rules and Regulations of the Fire Department, and the requirements of my duties, I wish to report that upon the retirement of Carl E. Maffeo, M. D., Assistant Fire Surgeon, effective August 1, 1981, I assumed the duties of Acting Fire Surgeon.

During the year of 1981, as a part-time Fire Department Surgeon, my basic availability to the Fire Department was one day per week in addition to any special consultation requested by the Director or the Fire Chief.

Medical records of members on injury or sick leave were routinely examined and an evaluation of their condition and progress was submitted to the Fire Chief.

During the year, a significant number of candidates considered for appointment to the Fire Department have been examined by me. Recommendations and findings concerning the candidates' health were submitted to the Director and to the Fire Chief.

I wish to take this opportunity to thank all the Officers and Members of the Fire Department who have cooperated with me in providing service to members of the Department.

oOo

ANNUAL REPORT
of the Catholic Chaplain
Rev. Horton J. Raught
for the year 1981

The following is a report of my activities as Chaplain of the Newark Fire Department for the year 1981:

Responded to 110 fires of which 105 were multiple alarms.

Visited the various hospitals in the area to attend members of the Fire Department who were ill or injured in the line of duty, and also visited members of their families.

Attended all swearing-in ceremonies of new Fire Department personnel, as well as all promotion ceremonies.

Attended wakes for deceased members of the Fire Department or members of their families. Participated in the funeral services of members of the Department, both active and retired.

Was available for and participated in conferences with members of the Department or their families.

Conducted the 58th Annual Memorial Service for deceased members of the Newark Fire Department. This Annual Memorial Mass and Service was conducted at St. Rose of Lima Church in Newark.

Attended Fire Prevention demonstrations and all other activities pertaining to Fire Department affairs, sponsored by the Fire Department Historical Association and the Bell & Siren Club.

I wish to express my deep and sincere gratitude to Director John P. Caufield, Fire Chief Stanley J. Kossup, and to all the officers and members of the Newark Fire Department for the friendship, courtesy and cooperation they have shown me.

oOo

ANNUAL REPORT
of the Protestant Chaplain
Rev. Clarence Bleakney
for the year 1981

The following is the annual report of my activities as Chaplain of the Newark Fire Department, for the year 1981:

I attended swearing-in ceremonies and promotion ceremonies of members.

I kept in touch with all the sick members of the Fire Department, either by writing to them or by telephone.

I made myself available whenever called upon to minister to any of the members of the Department .

I wish to express my thanks to all members of the Fire Department for all kindnesses and courtesies extended to me.

oOo

ANNUAL REPORT
submitted by the Jewish Chaplain
Rabbi Horace L. Zemel
for the year 1981

I wish to report to you that through the year 1981, as Chaplain of the Fire Department, to the best of my ability, I have answered fire calls when summoned, participated in public functions, attended the sick and dying, and in general, lent myself in full capacity as clergyman over all those to whom I minister, in whatever contingency my services were called.

The making of this report gives me, once again, the opportunity of letting you know that I am not unmindful of the many courtesies extended to me in the performance of the duties of my office, for which I am extremely grateful.

May I wish you, and through you, all those in the Department, a year marked by peace in the world, order in our government, health in the home, and success in every worthwhile effort.

oOo

THE BELL AND SIREN CLUB, INC.

Annual Report
For the year 1981

The Bell and Siren Club, organized in 1949, is a non-profit, voluntary group, dependent upon membership dues, social functions, and the contributions of friends to finance its activities and acquire and maintain its equipment.

Membership is limited to 50 active members whose conduct must adhere to the official club Code of Operation. Public officials, and candidates for public office are not eligible for membership.

The Club serves free refreshments of coffee, tea, orange juice, hot soup, etc., from a mobile canteen unit, to firefighters at the scene of the fire.

The equipment it uses is owned by the Club, but it is quartered in Newark fire houses, courtesy of the Mayor and the Newark Fire Department.

During 1981, the Club responded to 142 fire emergencies comprised of:

a total of 124 for Newark

85 - second alarms
25 - third alarms
14 - special calls

13 calls for East Orange
6 - second alarms
2 - third alarms
5 - Special calls

2 calls for South Orange
2 calls for Bloomfield
1 call for Orange

Total time out - 283 3/4 hours
Total generator
time - 157 1/4 hours

Total number of team members responding 366
Total number of others responding 664

Total service record:

Coffee	7,500 cups	Orange drink	8,676 cups
Tea	193 cups	Cookies	542 doz.
Bouillon	223 cups	Soup	235 cups
Water	85 cups	Beef Stew	45 lbs.
Hot Chocolate	692 cups	Donuts	8 doz.
Iced tea	2,603 cups	Cake	8 lbs.
Cigarettes	464	Hamburgers	48
		First Aid	3

We wish to express our appreciation to the elected officials of the City of Newark, Fire Director John P. Caufield, Fire Chief Stanley J. Kossup, and to all the officers and members of the Newark Fire Department, for their help and assistance during the past year. We are especially grateful for the generous support received during our annual Honorary Membership drive.

CIVIL DEFENSE

Annual Report for the year 1981
submitted by
Robert D. Swales, Deputy Director

Following is a report of the activities of the Civil Defense Division for the year 1981:

In 1981, there were 26 new applicants for the Newark Auxiliary Fire Service; this brings the present membership to a total of 292.

The auxiliaries reported to the Fire Houses 1,300 times and spent 7,334 hours on duty; they responded to 2,594 alarms of fire and spent 1,162 hours fighting fires.

There were 260 reports submitted during the year.
No drills or exercises were held for the Auxiliaries.
There were no promotional examinations.

The new identification cards from the State of New Jersey have not yet been received by this office. When they are received, the new cards will be issued to the auxiliaries.

In November, Firefighter Harold J. Ellermann went on terminal leave from the Newark Fire Department. When he retires, he will have had 34 years of service in the Fire Department, and 14 of these years were spent as liaison man in the Civil Defense office.

The Auxiliary Fire Service is looking forward to 1982, and is hoping to have a better year, and will continue to serve the City of Newark.

oOo